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**Borough of Scunthorpe**

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# **ANNUAL REPORT**

**ON THE**

# **HEALTH**

**AND**

# **SANITARY CONDITION**

**OF THE TOWN**

**1955**



1955

## BOROUGH OF SCUNTHORPE

(*Mayor*—COUNCILLOR W. ALBANS).

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### Public Health Committee.

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*Chairman*—COUNCILLOR G. McQUADE.

*Vice-Chairman*—COUNCILLOR C. POGSON.

ALDERMAN MRS. A. EYRE.

ALDERMAN B. HOLLAND.

ALDERMAN W. H. PULLING.

ALDERMAN H. SPENCER.

COUNCILLOR K. ASHWORTH.

COUNCILLOR O. DUFFELEN.

COUNCILLOR J. LLOYD.

COUNCILLOR J. STURMAN.

COUNCILLOR W. C. STIRLING.

COUNCILLOR C. A. WATSON, M.B.E.

COUNCILLOR MRS. V. WILMSHURST.

*Ex-officio Member of Committee*—

COUNCILLOR W. ALBANS, *Mayor*.

# Public Health Department.

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## *Medical Officer of Health—*

S. CHILDS, M.A., M.B., CH.B., D.P.H., D.T.M. AND H., D.P.A.

## *Chief Sanitary Inspector and Director of Cleansing—*

DAVID P. NASH, M.S.I.A., CERT. MEAT INSP.

## *Deputy Chief Sanitary Inspector—*

GEORGE O. ALLEN, M.S.I.A., CERT. MEAT INSP.

## *Sanitary Inspectors—*

KENNETH WILLIAMS, A.R.SAN.I., M.S.I.A., CERT. MEAT INSP.  
CERT. SMOKE INSP.

LEONARD HOWSON, A.R.SAN.I., CERT. MEAT INSP.

JOSEPH B. COMPTON, M.R.SAN.I., CERT. MEAT INSP., CERT.  
SMOKE INSP. (Resigned 15.5.55).

DONALD B. WHITE, A.R.SAN.I., M.S.I.A. (Commenced  
1.7.56).

## *Pupil Sanitary Inspector—*

DONALD B. WHITE. (To 30.6.56).

DAVID BARNES.

## *Infectious Diseases Nurse—*

Mrs. M. FORD, S.R.N., R.F.N.

## *Chief Clerk—*

ALAN J. RIX, D.P.A., M.R.INST.P.A.

## *Clerks—*

Mrs. HAZEL J. THORPE.

Miss PAMELA J. CARNABY.

## *School Medical Clerk—*

Miss MARCIA J. GIBSON.

*To the*

CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

It is seldom that the ordinary day to day risks of the medical profession are brought to the public notice but when they are they form a most startling and unwelcome reminder that those who are daily in the midst of disease and death themselves bear no charmed lives. When a doctor in your own town and in the public service dies suddenly of an infectious disease such a reminder is all too near and clear.

It is with the deepest regret that I have to record the death of your Deputy Medical Officer of Health, Dr. H. B. Collins, on the 14th November, 1955, from a fulminating attack of paralytic poliomyelitis.

S. CHILDS,

*Medical Officer of Health.*



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## STATISTICS SUMMARISED FOR 1955.

Area of the Borough .....	7,895 acres
Population (Mid-1955 Registrar-General's estimate) .....	57,440
Population increase .....	920
Number of inhabited houses (December 1955 rate books) .....	17,390
Density of population per acre .....	7.27
Rateable value (31st March, 1955) .....	£382,667
Product of penny rate .....	£1,548
Number of births—(a) Legitimate M. 478 F. 486	
(b) Illegitimate M. 13 F. 20	997
Birth rate (per 1,000 population) .....	17.36
Number of Stillbirths—(a) Legitimate M. 16 F. 12	
(b) Illegitimate M. — F. 2	30
Death rate (per 1,000 population).....	8.15
Number of deaths under 1 year—M. 21 F. 12 .....	33
Infantile death rate (per 1,000 live births) .....	33.09
Legitimate infant death rate (per 1,000 legitimate live births) .....	33.09
Illegitimate infant death rate (per 1,000 illegitimate live births) .....	—
Number of deaths under 4 weeks—M. 14 F. 8 .....	22
Neonatal death rate (per 1,000 live births) .....	22.06
Number of deaths from cancer .....	87
Number of deaths from tuberculosis .....	6
Puerperal deaths—(a) Sepsis .....	—
(b) Other .....	—
Maternal mortality rate .....	0.97

## BIRTHS AND DEATHS IN INDIVIDUAL WARDS.

Ward	Estimated Popu- lation	Births				Deaths			
		M.	F.	Total	Rate	M.	F.	Total	Rate
Ashby .....	13,103	159	156	315	24.04	53	30	83	6.33
Brumby .....	8,663	63	76	139	16.04	29	30	59	6.81
Crosby .....	3,850	29	31	60	15.58	24	19	43	11.16
East .....	2,680	26	27	53	19.77	13	17	30	11.19
Frodingham	10,214	82	98	180	17.62	45	32	77	7.53
Park .....	7,418	65	54	119	16.04	38	26	64	8.62
Town .....	3,858	17	23	40	10.36	35	23	58	15.03
West .....	7,654	50	41	91	11.89	30	24	54	7.05
	57,440	491	506	997		267	201	468	



## REGISTERED UNEMPLOYED IN THE SCUNTHORPE EMPLOYMENT EXCHANGE AREA.

The following table gives the monthly average figure of the number of unemployed, aged 18 years and over, in receipt of Unemployment benefit:—

			Men	Women	Total
January	.....	.....	11	86	97
February	.....	.....	7	135	142
March	.....	.....	7	116	123
April	.....	.....	12	113	125
May	.....	.....	12	63	75
June	.....	.....	86	60	146
July	.....	.....	4	38	42
August	.....	.....	9	29	38
September	.....	.....	6	39	45
October	.....	.....	4	36	40
November	.....	.....	5	35	40
December	.....	.....	1	72	73

## NATIONAL HEALTH INSURANCE—NEW CLAIMS.

### Monthly Totals.

January	.....	.....	.....	1,191
February	.....	.....	.....	928
March	.....	.....	.....	1,065
April	.....	.....	.....	655
May	.....	.....	.....	629
June	.....	.....	.....	518
July	.....	.....	.....	413
August	.....	.....	.....	552
September	.....	.....	.....	495
October	.....	.....	.....	625
November	.....	.....	.....	1,109
December	.....	.....	.....	862
				9,042

## MEDICAL SERVICES IN THE AREA.

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### 1. INSTITUTIONS.

#### Brumby Isolation Hospital (Scunthorpe Hospital Management Committee).

The following cases were admitted to the Brumby Isolation Hospital during the year:—

Gastro Enteritis	.....	.....	.....	.....	64
Measles	.....	.....	.....	.....	43
Dysentery	.....	.....	.....	.....	33
Tonsillitis	.....	.....	.....	.....	25
Scarlet Fever	.....	.....	.....	.....	20
Poliomyelitis (Paralytic)	.....	.....	.....	.....	12
Poliomyelitis (Non-Paralytic)	.....	.....	.....	.....	3
Polio-encephalitis	.....	.....	.....	.....	1
Impetigo	.....	.....	.....	.....	10
Pneumonia	.....	.....	.....	.....	10
Influenza	.....	.....	.....	.....	9
Whooping Cough	.....	.....	.....	.....	8
Mumps	.....	.....	.....	.....	7
Croup	.....	.....	.....	.....	5
Meningococcal Meningitis	.....	.....	.....	.....	5
Food Poisoning	.....	.....	.....	.....	3
Cerebral Hæmorrhage	.....	.....	.....	.....	2
Other Diseases	.....	.....	.....	.....	9
					<hr/> 269 <hr/>

Five deaths occurred—two from Gastro Enteritis and one each from Poliomyelitis, Croup and Meningococcal Meningitis.

#### Scunthorpe Maternity Home (Scunthorpe Hospital Management Committee).

During 1955 there were 1,097 normal confinements, 94 abnormal cases, and 150 emergency cases. The number of cases admitted for ante-natal supervision was 188. A total of 1,289 cases were admitted during the year.

#### Glanford Hospital, Brigg (Sheffield Regional Hospital Board).

During the year, 207 patients were admitted from Scunthorpe.

#### Bracebridge Heath Mental Hospital.

The number of attendances at the Psychiatric Clinic at the War Memorial Hospital during 1955 was 578.

## Scunthorpe and District War Memorial Hospital.

This is a General Hospital having the following departments : —

Medical	Radiotherapy
Surgical	Orthopædic
Dermatological	Dental
Ophthalmic	Casualty
Ear, Nose and Throat	Gynæcological
Radiological	Pathological
Dietetic	Cardiological
Physiotherapy	Septic Hand

## 2. OTHER MEDICAL SERVICES.

### Private Medical Practitioners.

There are 25 doctors living in the Borough engaged in private practice.

### Scunthorpe Borough Nursing Association.

The following table gives details of cases nursed and visits paid during 1955 :—

CASES NURSED.			VISITS PAID.		
Midwifery	.....	185	Midwifery	.....	3,305
Maternity	.....	61	Maternity	.....	1,194
General	.....	1,176	General	.....	38,992
Maternity Home	.....	449	Maternity Home	.....	1,528
Maternal Complaints	.....	1	Casual	.....	305
Miscarriage	.....	2	Ante-Natal	.....	1,930
		<hr/>	Others	.....	206
		1,874			<hr/>
					47,415
					<hr/>

### Public Mortuary.

The War Memorial Hospital has been used by the Police 77 times during the year ended 31st December, 1955.

## CLINICS HELD DURING 1955.

The following special clinics were held during the year :—

### Parkinson Avenue Clinic.

Ante-Natal	Eye
Chest	Orthopædic
Infant Welfare	Toddlers
Immunisation	Heart
School	Rheumatism
Sunlight	Vaccination
Female V.D.	Dental
Male V.D.	

## Collum Lane Clinic, Ashby.

Infant Welfare  
 Toddlers  
 Immunisation  
 School Clinic

Orthopædic  
 Ante-Natal  
 Vaccination  
 Speech Therapy

## SCUNTHORPE SCHOOLS, 1955.

I am indebted to Mr. F. Ayres, Divisional Education Officer, for the following information showing the number of boys and girls in each school in the Borough during 1955:—

	Number on Roll		
	Boys	Girls	Total
Ashby Secondary Modern Girls .....	—	438	438
Ashby County Primary .....	389	355	744
Ashby County Infant .....	92	135	227
Lincoln Gardens County Junior .....	298	271	569
Lincoln Gardens County Infant .....	200	173	373
Priory Lane County Infant .....	191	203	394
Priory Lane County Junior .....	258	229	487
St. Bernadette's R.C. ....	176	166	342
Grange Lane County Infant .....	155	146	301
Bushfield Road County Infant .....	105	103	208
Brumby Boys' Secondary Modern .....	438	—	438
Brumby County Primary .....	496	391	887
Crosby County Infant .....	132	113	245
Crosby County Junior .....	272	277	549
Doncaster Road Secondary Modern .....	404	383	787
Foxhills Secondary Modern .....	281	268	549
Frodingham County Infant .....	191	180	371
Henderson Avenue County Junior .....	344	337	681
Henderson Avenue County Infant .....	197	175	372
Scunthorpe C.E. Junior .....	129	142	271
Scunthorpe C.E. Infant .....	98	82	180
Westcliffe Secondary Modern .....	236	243	479
Technical High .....	302	296	598
Grammar .....	340	402	742
	<hr/> 5,724	<hr/> 5,508	<hr/> 11,232

## DIPHTHERIA IMMUNISATIONS.

The number of immunisations in children under five years of age and the number of children born each year for the last five years is given in the table. The percentage of total births immunised is 63.3%.

			Children Immunised 0—5 years	Children Born
1951	.....	.....	659	1030
1952	.....	.....	696	1039
1953	.....	.....	598	1060
1954	.....	.....	629	1042
1955	.....	.....	689	997
			<hr/> 3271 <hr/>	<hr/> 5168 <hr/>

## IMMUNISATIONS and VACCINATIONS, SCHOOL MEDICAL INSPECTION, MENTAL DEFECTIVES, HOME HELPS.

I am indebted to Dr. C. D. Cormac, County Medical Officer of Health, for the following information on these services:—

### Immunisations and Vaccinations.

The following numbers of children were immunised in Scunthorpe during 1955:—

No. of initial immunisations—			
Under 5 years of age	.....	.....	164
5—14 years	.....	.....	72
No. of Boosting Doses	.....	.....	282
Whooping Cough (under 5 years)	.....	.....	78
Combined Diphtheria & Whooping Cough (under 5 years)	.....	.....	525

The following numbers of children were vaccinated in Scunthorpe during 1955:—

Number of vaccinations	.....	.....	256
Number of re-vaccinations.....	.....	.....	31

# SCHOOL MEDICAL INSPECTIONS, 1955.

GROUP	Number of Children				General Condition		
	In-spected	Found to require treatment (including cases under treatment, but excluding Dental diseases, and Infestation with vermin)			A (Good)	B (Fair)	C (Poor)
		For Defective Vision (excluding Squint)	For any other condition recorded in column (b)	Total individual children requiring treatment			
<b>Prescribed Groups Entrants</b> (1st Periodic Exam. after admission to a maintained School) .....	521	—	55	55	49	444	28
<b>Second Age Group</b> (Children in last year of attendance at a Primary School) .....	1035	55	121	163	171	862	2
<b>Third Age Group</b> (Children in last year of attendance at a Secondary School) .....	834	40	57	79	120	714	—
<b>TOTAL</b>	2390	95	233	297	340	2020	30
<b>Other Periodic Inspections</b> .....	—	—	—	—	—	—	—

Number of Supervisory Examinations  
(Children found defective at previous inspections and re-examined for those defects at this inspection; a child re-examined for 2 defects should be entered as 2 examinations)

840

Number of  
Special  
Examinations } 7

DEFECT	Periodic Inspections		Special Inspections	
	No. of Defects		No. of Defects	
	Requiring treatment	Requiring observation	Requiring treatment	Requiring observation
SKIN .....	25	49	—	—
EYES				
(a) Defective Vision.....	95	131	2	—
(b) Squint .....	2	21	—	—
(c) Other .....	5	11	—	—
EARS				
(a) Hearing .....	7	23	—	—
(b) Otitis Media .....	12	22	—	—
(c) Other .....	49	8	—	—
NOSE AND THROAT .....	16	109	—	—
SPEECH .....	8	8	1	—
LYMPHATIC GLANDS .....	5	47	—	—
HEART .....	16	50	—	—
LUNGS .....	12	44	—	—
DEVELOPMENTAL				
(a) Hernia .....	1	7	—	—
(b) Other .....	8	20	—	—
ORTHOPÆDIC				
(a) Posture .....	2	38	—	—
(b) Feet .....	11	55	—	—
(c) Other .....	25	87	—	—
NERVOUS SYSTEM				
(a) Epilepsy .....	2	4	—	—
(b) Other .....	5	7	—	—
PSYCHOLOGICAL				
(a) Development .....	7	23	2	—
(b) Stability .....	2	10	—	—
OTHER .....	21	43	2	—

Number of Normal Children—Boys 744, Girls 752.



## MENTAL DEFECTIVES.

Register of Mental Defectives in Scunthorpe as on 31st December,  
1955.

	Males	Females	Total
In M.D. Institutions .....	18	18	36
Under Statutory supervision of whom 9 males and 3 females are awaiting institu- tional care .....	54	30	84
In County Council Hostels .....	—	1	1
Reported from reliable source and kept under voluntary supervision .....	13	14	27
In Institutions under the Lunacy Act .....	5	2	7
	<hr/> 90	<hr/> 65	<hr/> 155

## HOME HELPS.

Number of Cases Visited .....	91
Number of Domestic Helps employed	17



# COMPARATIVE STATISTICS.

Year	Population estimated to middle of each year	Area in Acres	Density (persons per acre)	No. of inhabited houses	BIRTHS		DEATHS				Notified Infectious Disease	Notifications of Tuberculosis	Deaths from Cancer	Cancer Death Rate per 1,000 population
					Number	Rate per 1,000 population	Under 1 year of age	At all ages	Rate per 1,000 population					
									Number	Per 1,000 Live Births				
1921	27,790	7,961	3.49	5,531	906	32.60	77	86.00	308	11.00	391	79	18	.647
1926	32,820	7,961	4.12	6,457	678	20.60	31	45.00	268	8.20	509	81	30	.914
1931	33,990	7,895	4.30	7,548	616	18.10	51	83.00	349	10.20	431	65	34	1.000
1936	38,740	7,895	4.90	9,970	712	18.30	40	56.10	360	9.20	377	83	37	.955
1941	45,840	7,895	5.80	12,450	855	18.65	37	43.07	408	8.90	1,082	59	44	.959
1942	44,990	7,895	5.69	12,450	882	19.60	36	40.81	391	8.69	485	40	63	1.400
1943	44,830	7,895	5.69	12,450	970	21.63	46	47.42	389	8.67	866	68	48	1.070
1944	45,750	7,895	5.79	12,450	1,098	24.00	35	31.87	395	8.63	1,219	55	58	1.267
1945	46,010	7,895	5.82	12,442	968	21.04	37	38.22	404	8.78	982	80	53	1.151
1946	48,960	7,895	6.20	12,558	1,009	20.60	30	29.73	424	8.66	825	77	70	1.429
1947	50,220	7,895	6.36	12,702	1,163	23.15	35	30.09	415	8.26	1,243	89	54	1.075
1948	51,100	7,895	6.47	13,491	1,088	21.29	53	48.71	431	8.43	1,054	58	64	1.252
1949	52,030	7,895	6.58	13,919	1,022	19.64	45	44.03	445	8.55	724	52	74	1.422
1950	54,090	7,895	6.85	14,468	1,008	18.64	29	28.77	444	8.21	1,729	32	83	1.534
1951	54,030	7,895	6.84	15,081	1,030	19.06	28	27.18	474	8.77	2,054	49	61	1.129
1952	54,930	7,895	6.97	15,516	1,039	18.91	37	35.61	422	7.68	841	40	80	1.456
1953	55,850	7,895	7.07	16,183	1,060	18.98	23	21.69	484	8.66	905	44	85	1.522
1954	56,520	7,895	7.16	16,777	1,042	18.43	23	22.10	543	8.89	777	43	92	1.627
1955	57,440	7,895	7.27	17,390	997	17.36	33	33.09	468	8.15	1,891	40	87	1.514

## BIRTHS IN THE BOROUGH OF SCUNTHORPE.

The total number of live births registered during the year was 997. 33 illegitimate births were registered during the year.

The recorded birth rate (i.e. births per 1,000 inhabitants) was 17.36. 30 stillbirths were registered during the year.

Year	Total Births	Recorded Birth Rate	Registrar-General's Comparability Factor	Standardised Birth Rate	Rate per 1,000 (England and Wales)
1952	1039	18.91	0.97	18.34	15.3
1953	1060	18.98	0.97	18.41	15.5
1954	1042	18.43	0.94	17.32	15.2
1955	997	17.36	0.94	16.32	15.0

## DEATHS IN THE BOROUGH OF SCUNTHORPE.

The recorded death rate is 8.15. The main causes of death are heart disease etc. in groups 18, 19, 20 and 21, which caused a total of 145 deaths; cerebral hæmorrhage, group 17, caused 75 deaths; the respiratory diseases, groups 22, 23, 24 and 25 which caused 37 deaths; and deaths from violence, groups 33, 34, 35 and 36 which caused 26. Cancer in all its forms, groups 10, 11, 12, 13 and 14 caused 87 deaths. 136 persons (29.1%) were over 75 years of age and 269 (57.47%) were over 65 years of age.

Year	Total Deaths	Recorded Death Rate	Registrar-General's Comparability Factor	Standardised Death Rate	Rate per 1,000 (England and Wales)
1952	422	7.68	1.34	11.29	11.3
1953	484	8.66	1.34	11.60	11.4
1954	503	8.89	1.36	12.09	11.3
1955	468	8.15	1.36	11.08	11.7

# REGISTRAR-GENERAL'S FIGURES FOR CAUSES OF DEATH DURING 1955.

Cause No.		Males	Females	Total
1	Tuberculosis, respiratory .....	3	3	6
2	Tuberculosis, other .....	—	—	—
3	Syphilitic Disease .....	—	—	—
4	Diphtheria .....	—	—	—
5	Whooping Cough .....	—	—	—
6	Meningococcal Infections .....	—	—	—
7	Acute Poliomyelitis .....	1	—	1
8	Measles .....	—	—	—
9	Other Infective and Parasitic Disease.....	—	—	—
10	Malignant Neoplasm, Stomach .....	7	3	10
11	Malignant Neoplasm, Lung, Bronchus..	16	3	19
12	Malignant Neoplasm, Breast .....	—	4	4
13	Malignant Neoplasm, Uterus .....	—	6	6
14	Other Malignant and Lymphatic Neo- plasms .....	31	17	48
15	Leukemia, Aleukemia .....	—	2	2
16	Diabetes .....	—	4	4
17	Vascular Lesions of Central Nervous System .....	34	41	75
18	Coronary Disease, Angina .....	51	21	72
19	Hypertension with Heart Disease .....	1	6	7
20	Other Heart Disease .....	20	26	46
21	Other Circulatory Disease .....	11	9	20
22	Influenza .....	—	—	—
23	Pneumonia .....	10	6	16
24	Bronchitis .....	14	5	19
25	Other Diseases of Respiratory System.....	—	2	2
26	Ulcer of Stomach and Duodenum .....	3	2	5
27	Gastritis, Enteritis and Diarrhœa .....	—	3	3
28	Nephritis and Nephrosis .....	6	4	10
29	Hyperplasia of Prostate.....	4	—	4
30	Pregnancy, Childbirth, Abortion .....	—	1	1
31	Congenital Malformations .....	3	—	3
32	Other Defined and Ill-defined Diseases..	33	26	59
33	Motor Vehicle Accidents.....	4	—	4
34	All Other Accidents .....	10	7	17
35	Suicide .....	5	—	5
36	Homicide and Operations of War .....	—	—	—
		267	201	468

## DEATHS.

Group No. 32—"Other defined and ill-defined diseases" is a rather vague and too large group and has therefore been analysed further to give more precise information regarding its contents:—

### Group 32.

Prematurity and other infant causes	.....	23
Senility	.....	11
Intestinal Obstructions	.....	5
Disseminated Sclerosis	.....	4
Anæmia	.....	3
Asthma	.....	3
Myxœdema	.....	2
Acute Rheumatism	.....	2
Asphyxia	.....	2
Neuro fibroma of lung	.....	1
Hæmiplegia	.....	1
Cholecystitis	.....	1
Unknown	.....	1
		—
		59
		—

# AGE AND SEX DISTRIBUTION OF CAUSES OF DEATHS BY REGISTRAR-GENERAL'S RETURNS OF 36 GROUPS.

Cause No.	0—4		5—14		15—24		25—34		35—44		45—54		55—64		65—74		75 and over		TOTAL
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1	—	—	—	—	1	1	2	—	—	2	—	—	—	—	—	—	—	—	6
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	2	—	2	1	2	2	1	—	—	10
11	—	—	—	—	—	—	—	—	—	4	—	3	—	8	3	1	—	—	19
12	—	—	—	—	—	1	—	—	—	2	—	1	—	—	—	—	—	—	4
13	—	—	—	—	—	—	—	1	—	1	—	2	—	2	—	—	—	—	6
14	1	—	1	—	—	1	—	1	1	3	2	6	3	10	7	8	4	—	48
15	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1	—	—	—	2
16	—	—	—	1	—	—	—	—	—	—	—	—	—	—	3	—	—	—	4
17	—	—	—	—	—	1	—	2	4	2	4	5	14	12	12	19	—	—	75
18	—	—	—	—	—	—	—	1	—	7	1	17	4	19	7	7	9	—	72
19	—	—	—	—	—	—	—	—	—	—	—	1	1	—	2	—	3	—	7
20	—	—	—	—	1	1	—	—	—	1	1	3	3	8	6	7	15	—	46
21	—	—	—	—	—	—	—	—	—	2	—	2	—	3	—	4	9	—	20
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	4	2	—	—	—	—	—	—	—	—	1	—	1	2	—	4	2	—	16
24	—	—	—	—	—	—	—	—	—	3	—	3	3	7	—	1	2	—	19
25	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	2
26	—	—	—	—	—	—	—	—	—	1	—	1	2	1	—	—	—	—	5
27	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
28	—	—	—	—	2	—	—	—	1	—	—	—	—	3	1	1	2	—	10
29	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	3	—	—	4
30	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1
31	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
32	16	6	1	—	—	2	—	1	2	3	—	3	3	2	3	5	12	—	59
33	—	—	1	—	1	—	—	1	—	—	—	1	—	—	—	—	—	—	4
34	—	2	1	1	—	—	3	—	1	—	—	1	—	—	1	1	3	—	17
35	—	—	—	—	1	—	1	—	—	—	—	1	—	2	—	—	—	—	5
36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	13	4	2	5	4	8	4	7	7	34	11	48	29	82	51	55	80	468

## INFANT MORTALITY.

A total of 33 infants (21 males and 12 females) under the age of one year died during 1955.

### Rate per 1,000 Births.

Year	Scunthorpe	England and Wales
1952	35.61	27.6
1953	21.69	26.8
1954	22.10	25.5
1955	33.09	24.9

### Infant Mortality—Ward Distribution.

	Males	Females	Total
Ashby	7	4	11
Brumby	3	3	6
Crosby	—	—	—
East	2	1	3
Frodingham	5	3	8
Park	2	—	2
Town	1	—	1
West	1	1	2
	—	—	—
	21	12	33
	—	—	—

Number of infants dying in hospital	.....	.....	.....	.....	28
(Brumby Isolation Hospital 5, War Memorial 7, Maternity Home 15, Children's Hospital, Sheffield 1)					
Number of infants dying at home	.....	.....	.....	.....	5

## NEONATAL DEATH RATE.

Year	England and Wales	Scunthorpe
1947	22.7	20.63
1948	19.7	23.89
1949	19.3	35.22
1950	18.5	20.83
1951	18.8	17.48
1952	18.9	24.06
1953	17.7	10.38
1954	17.7	11.51
1955	17.3	22.06

# CAUSES OF INFANT DEATHS DURING 1955.

Cause of Death		Sex	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total Deaths under 4 weeks	1—3 months	3—6 months	6—9 months	9—12 months	Total Deaths under 1 year
Congenital Malformations	M.		1	—	—	—	1	2	—	—	—	3
	F.		—	—	—	—	—	—	—	—	—	—
Pneumonia	M.		—	1	—	—	1	1	2	—	—	4
	F.		—	—	1	—	1	1	—	—	—	2
Prematurity	M.		9	—	—	—	9	—	—	—	—	9
	F.		5	1	—	—	6	—	—	—	—	6
Jaundice	M.		1	—	—	—	1	—	—	—	—	1
	F.		—	—	—	—	—	—	—	—	—	—
Gastro Enteritis	M.		—	—	—	—	—	—	—	—	—	—
	F.		—	—	—	—	—	—	1	1	—	2
Intussusception	M.		—	—	—	—	—	—	—	1	—	1
	F.		—	—	—	—	—	—	—	—	—	—
Atelectasis	M.		2	—	—	—	2	—	—	—	—	2
	F.		—	—	—	—	—	—	—	—	—	—
Accident	M.		—	—	—	—	—	—	—	—	—	—
	F.		1	—	—	—	1	—	1	—	—	2
Intestinal Obstructions	M.		—	—	—	—	—	1	—	—	—	1
	F.		—	—	—	—	—	—	—	—	—	—
Males			13	1	—	—	14	4	2	1	—	21
Females			6	1	1	—	8	1	2	1	—	12
TOTAL			19	2	1	—	22	5	4	2	—	33



## CANCER.

Cancer as a cause of death continues to be a serious problem, mainly because most of the people who die of cancer appear to be otherwise fit and well and are persons who could, in happier circumstances, continue to be useful members of the community for an indefinite period.

This year it is interesting to note that 20 people under the age of 55 died of the disease and two of these were less than 10 years old.

### CANCER, 1955.

Year	Number of deaths from Cancer	Population of Scunthorpe	Cancer fatality rate per 1,000 population	Number of deaths from all causes	Percentage of deaths due to Cancer
1946	70	48,960	1.43	424	16.51
1947	54	50,220	1.08	415	13.01
1948	64	51,100	1.25	431	14.85
1949	74	52,030	1.42	445	16.63
1950	83	54,090	1.53	444	18.69
1951	61	54,030	1.13	474	12.87
1952	80	54,930	1.45	422	18.95
1953	85	55,850	1.52	484	17.56
1954	92	56,520	1.63	503	18.28
1955	87	57,440	1.51	468	18.57



# AGE AND SEX DISTRIBUTION OF DEATHS FROM CANCER, 1955.

Age	Malignant Neoplasm, Lung, Bronchus		Malignant Neoplasm, Breast		Malignant Neoplasm, Stomach		Malignant Neoplasm, Uterus		Other Malignant and Lymphatic Neoplasms		Total	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0—	—	—	—	—	—	—	—	—	—	—	—	—
1—	—	—	—	—	—	—	—	—	1	—	1	—
5—	—	—	—	—	—	—	—	—	1	—	1	—
10—	—	—	—	—	—	—	—	—	—	—	—	—
15—	—	—	—	—	—	—	—	—	—	—	—	—
20—	—	—	—	—	—	—	—	—	—	—	—	—
25—	—	—	—	1	—	—	—	—	1	—	1	1
35—	—	—	—	—	—	—	—	1	1	1	1	2
45—	4	—	—	1	2	—	—	1	3	2	9	4
55—	3	—	—	2	2	1	2	2	5	3	10	8
65—	8	3	—	—	1	2	2	2	11	7	20	14
75—	1	—	—	—	2	—	—	—	6	4	9	4
85—	—	—	—	—	—	—	—	—	2	—	2	—
TOTAL	16	3	—	4	7	3	—	6	31	17	54	33

## VENEREAL DISEASES.

The following table shows the number of persons residing in Scunthorpe who attended the Clinic during 1955:

	Males	Females	Total
Syphilis .....	3	3	6
Gonorrhœa .....	7	1	8
Other Conditions .....	47	9	56
	<hr/> 57	<hr/> 13	<hr/> 70
	<hr/>	<hr/>	<hr/>

## INFECTIOUS DISEASES.

There were 1,931 confirmed notifications of infectious disease in the Borough during the year. This was a measles year and 1,337 cases were notified; this is the second highest total ever notified in a year but fortunately the patients were well cared for and the disease mild, and there were no deaths.

There were 370 notifications of dysentery during the year but these were only part of an extensive outbreak which is reported on elsewhere. This is the largest number of dysentery notifications ever recorded in one year in the Borough. Whooping cough was notified 96 times and it is ten years since there were less than 100 notifications in any one year.

Scarlet Fever was notified 29 times. This is the lowest number recorded since 1931 and is the second lowest ever recorded.

There were 9 cases of Poliomyelitis in the town. Of these 7 showed some paralysis and two were non-paralytic.

The notifiable infectious diseases accounted for 23 deaths. 16 were from Pneumonia and 6 from Tuberculosis. The only other death was the tragic one of our Deputy Medical Officer of Health, Dr. H. B. Collins, who died of paralytic poliomyelitis.

NOTIFIED INFECTIOUS DISEASES, 1955 (corrected in cases of revised diagnosis).

	Under 1 year	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—25	25—35	35—45	45—65	65 and over	Total
Scarlet Fever	—	—	5	1	8	12	2	1	—	—	—	—	—	29
Measles	53	125	161	190	175	623	7	2	—	1	—	—	—	1337
Whooping Cough	9	12	14	21	9	29	2	—	—	—	—	—	—	96
Pneumonia	2	—	2	3	—	3	—	1	—	3	2	6	3	25
Poliomyelitis— Paralytic	—	—	—	—	2	—	1	2	—	1	—	1	—	7
Non-Paralytic	—	—	—	—	1	1	—	—	—	—	—	—	—	2
Dysentery	22	31	26	22	21	123	22	10	6	40	30	11	6	370
Meningococcal Infections	—	—	—	—	—	1	—	—	—	1	—	—	—	2
Erysipelas	—	—	—	—	—	—	—	—	—	2	—	1	—	3
Food Poisoning	1	—	4	1	1	1	1	—	—	1	4	1	—	15
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	2	—	—	—	2
Encephalitis	—	—	—	—	1	1	—	—	—	—	1	—	—	3
	87	168	212	238	218	794	35	16	6	51	37	20	9	1891

TOTAL MONTHLY INCIDENCE OF ALL KNOWN CASES OF INFECTIOUS DISEASE.

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Scarlet Fever .....	3	2	—	6	5	1	12	2	2	2	1	2	41
Chicken Pox .....	16	9	10	1	3	1	—	—	—	—	—	2	42
German Measles .....	—	—	—	—	—	—	4	—	—	—	—	—	4
Diphtheria .....	—	—	—	1	—	—	—	—	—	2	1	1	5
C.S. Fever .....	1	—	1	—	—	—	—	—	—	1	1	1	5
Pneumonia .....	16	8	2	1	—	1	—	1	—	—	3	3	35
Broncho Pneumonia .....	2	2	1	1	—	—	—	—	—	—	—	—	6
Dysentery .....	100	81	127	66	19	13	6	8	10	18	2	7	457
Observations .....	183	191	166	88	15	36	22	29	44	86	41	16	917
Puerperal Pyrexia .....	—	—	1	—	—	—	—	—	—	—	—	1	2
Mumps .....	44	12	35	47	42	5	—	—	—	1	1	12	199
Gastro Enteritis .....	4	4	1	3	4	3	1	1	4	5	1	5	36
Measles .....	232	503	382	298	34	42	20	19	4	3	2	8	1547
Whooping Cough .....	30	18	8	5	1	—	4	12	4	12	7	22	123
Poliomyelitis .....	—	—	—	—	—	—	—	1	2	2	4	—	9
Erysipelas .....	—	—	1	—	—	1	1	—	—	—	—	—	3
Food Poisoning .....	—	—	—	—	—	1	—	7	4	4	—	9	25
Croup .....	—	—	—	1	—	—	—	—	—	—	—	—	1
Encephalitis .....	—	—	—	2	—	—	—	—	—	1	—	—	3
Influenza .....	1	1	—	2	—	—	—	—	—	—	—	—	4
Glandular Fever .....	—	—	—	—	—	—	—	—	1	1	—	—	2
Malaria .....	—	—	—	—	—	—	—	—	—	1	—	—	1
Impetigo .....	—	—	—	—	—	—	—	—	—	1	1	1	3
	632	831	735	522	123	104	70	80	75	143	65	90	3470

# INFECTIOUS DISEASES, SCHOOL DISTRIBUTION, 1955.

	Totals	Diphtheria	Meningitis	Impetigo	Glandular Fever	Polio- myelitis	Food Poisoning	German Measles	Enceph- alitis	Pneumonia	Influenza	Observa- tions	Chicken Pox	Dysentery	Scarlet Fever	Whooping Cough	Mumps	Gastro Enteritis	Measles
Ashby Priory Lane Junior	29	—	—	—	—	—	—	1	—	—	—	3	4	—	—	1	19	—	1
Ashby Girls	7	—	—	—	—	—	—	—	—	—	—	3	—	2	1	—	—	—	1
Ashby Junior Mixed	26	1	—	—	—	1	1	—	—	—	—	15	—	3	—	—	2	—	3
Ashby Infants	255	—	—	—	—	—	—	—	—	—	1	24	7	4	—	7	76	1	135
Lincoln Gardens Infants	146	—	—	—	—	—	—	—	—	—	—	25	—	25	4	15	—	—	77
Brumby Boys	16	—	—	—	—	1	—	—	—	—	—	8	—	6	—	—	—	—	1
Brumby Junior Mixed	45	—	—	—	—	—	—	—	—	—	—	22	5	13	—	—	—	—	5
Brigg Grammar	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
Brigg Manor House Convent	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
Bushfield Road	79	—	—	—	—	—	—	—	—	—	—	7	—	4	2	—	3	—	63
Crosby Junior Mixed	16	—	—	—	—	—	1	—	—	—	—	5	2	6	—	—	1	—	1
Crosby Infants	88	—	—	—	—	—	1	—	—	—	—	8	—	11	1	6	10	—	51
Doncaster Road Boys	12	—	—	—	—	—	—	—	—	—	—	9	—	3	—	—	—	—	—
Doncaster Road Girls	11	—	—	—	—	—	1	—	—	—	—	7	—	2	1	—	—	—	—
Frodingham Infants	159	—	—	—	—	—	—	—	1	—	—	13	1	15	1	7	30	—	91
Foxhills	19	—	—	—	—	—	—	—	—	—	—	11	—	8	—	—	—	—	—
Grammar	6	—	—	—	1	1	—	—	—	—	—	4	—	—	—	—	—	—	—
Gurnell Street Boys	12	—	—	—	—	—	—	—	—	—	—	5	1	5	—	—	—	—	1
Gurnell Street Girls	15	—	—	3	—	—	—	—	—	—	—	6	1	5	—	—	—	—	—
Gurnell Street Infants	110	—	—	—	—	—	—	—	—	—	—	11	—	21	3	1	—	—	74
Henderson Avenue Junior Mixed	25	—	—	—	—	—	1	—	—	—	—	8	—	14	—	—	—	—	2
Henderson Avenue Infants	119	—	—	—	—	1	2	—	—	—	—	11	—	14	—	1	—	—	90
Henderson Avenue Nursery	1	—	—	—	—	—	2	—	—	—	—	1	—	—	—	—	—	—	—
Lincoln Gardens Junior	31	—	—	—	—	—	—	—	—	—	—	16	—	10	—	1	—	—	—
Lynton Private	20	—	—	—	—	1	—	—	—	—	—	17	—	—	—	2	—	—	—
St. Bernadette's	42	—	—	—	—	—	—	—	—	—	—	5	—	1	—	1	5	—	30
Priory Lane Infants	212	1	—	2	—	1	—	3	—	1	2	17	15	5	11	1	39	—	114
Brigg Preparatory	3	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1
Technical High	4	—	—	—	—	—	1	—	—	—	2	—	—	—	—	—	—	—	—
Bottesford	3	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
Westcliffe	3	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	2
Grange Lane	4	—	—	—	—	—	—	—	—	—	—	4	—	—	1	14	—	1	—
St. Bernadette's—Annes Crescent	19	—	1	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—
TOTALS	1544	2	1	5	1	7	10	4	1	1	5	275	36	177	25	58	185	2	749

# ANNUAL RETURN OF FOOD POISONING NOTIFICATIONS, 1955.

## 1. Notifications.

Local Authority: Scunthorpe M.B. Year: 1955.

Notifications Returned to R.G.

1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
—	—	6	9

Outbreaks due to Identified Agents:

Total Outbreaks	Total Cases
1	2

Outbreaks of Undiscovered Cause:

Total Outbreaks	Total Cases
2	5

Single Cases (no apparent connection)—8

Agent Identified	Unknown Cause
8—Salmonella Typhi Murium	Nil

## 2. Food Poisoning Outbreak (summary of details)—Outbreak due to Identified Agent.

Food Causing Outbreak—Unknown (suspected cooked meat).

Cases forming outbreak which occurred 26th November to 28th January, 1956:

Total Notified	Total Ascertained	Total Fatal
2	4	—

Clinical Features: Vomiting and diarrhoea.

Results of laboratory investigations:

Faeces—positive salmonella typhi murium.

Origin and preparation of food causing illness: Unknown.

Place where food causing illness was consumed: At home.

Probable origin of infection or contamination of food: Unknown

## 3. Outbreaks of undiscovered cause.

No. 1:—

Food causing outbreak: Unknown (? pork pie).

Cases forming outbreak which occurred 3rd to 13th October, 1955—

Total Notified	Total Ascertained	Total Fatal
2	2	—

Clinical features: Diarrhoea, pains, vomiting.

Results of laboratory investigations: Faeces negative.

Origin and preparation of food causing illness: Unknown  
(? pork pie).

Place where food causing illness was consumed: At friends' home.

Probable origin of infection or contamination of food: Unknown



No. 2:—

Food causing outbreak: Unknown (? pork pie).

Cases forming outbreak which occurred 7th to 28th December, 1955—

Total Notified	Total Ascertained	Total Fatal
3	3	—

Clinical features: Vomiting and diarrhoea.

Results of laboratory investigations: Faeces negative.

Origin and preparation of food causing illness: Unknown  
(? pork pie).

Place where food causing illness was consumed: ? at home.

Probable origin of infection or contamination of food: Unknown

### DYSENTERY.

During 1954 and the early part of 1955 there was a fairly extensive outbreak of Sonne type dysentery in the Borough. The outbreak was investigated thoroughly and taxed the resources of the infectious diseases nurse to the limit for a period, so much so that extra part-time help was required for a week or so at the peak of the outbreak.

The total number of persons investigated was 897, involving 313 households. Of these, 650 persons were accepted as being cases of the disease and of the 650, 411 had positive stool results after laboratory examination. Of the 411, 38 were positive carriers and had no symptoms of the disease, 373 had both positive stool results and some symptoms, and 277 had typical symptoms but had negative laboratory results.

48 cases were admitted to hospital.

A total of 1,896 faeces specimens were sent to the Public Health Laboratory Service at Lincoln for testing during the outbreak.

The outbreak started in October, 1954 and continued until early in May, 1955. Ashby was the first area to be markedly affected and the disease then spread fairly slowly through Lincoln Gardens to Brumby and Frodingham. A few cases occurred in the Crosby, West and Town wards, and the disease then moved back into the Ashby area before dying down to its normal proportions. The railway appeared to form quite an efficient barrier to the spread of the disease.

In many cases there was a history of contact with an affected family by visiting and this appeared to be the most likely mode of transfer of the disease. A check-up of the school canteen staff and utensils was carried out where necessary, but this always yielded negative results. A somewhat similar outbreak of Sonne type dysentery occurred in 1951 and was described in the health report for that year. In 1951 considerable attention was paid to school and household lavatories as a likely mode of transfer of the disease but nothing could be proved to help sustain this theory. In the present

outbreak an attempt was made to ascertain whether droplet infection was the main cause of the spread, and throat swabs were taken from several families where more than one case of dysentery existed. All these throat swabs gave negative results.

In 1951 a letter to general practitioners suggesting that they treat each household as an infected unit instead of each individual case appeared to have a considerable effect in cutting short the outbreak but similar methods this time have not had anything like the clear-cut success they appeared to have in 1951. The letter to general practitioners was sent at the beginning of the outbreak but the weekly figures continued to rise for many weeks after this.

The age incidence of the disease is shown in one of the tables and it can be seen that 495 out of the 730 cases were below 15 years of age.

The routine measures for dealing with cases and contacts, and the leaflets distributed were similar to those carried out in 1951 and reported in that year's annual report.

Dysentery can now be considered to be endemic in the town and seldom does a period of more than a week or two pass without a notification of the disease being received.



**Dysentery—Weekly Notifications (Uncorrected)**  
**January, 1954 to December, 1955.**

1954				1954			
Week ending		No. of Cases		Week ending		No. of Cases	
January				September			
2	.....	.....	—	25	.....	.....	1
9	.....	.....	1	October			
16	.....	.....	—	2	.....	.....	1
23	.....	.....	—	9	.....	.....	4
30	.....	.....	1	16	.....	.....	4
February				23	.....	.....	10
6	.....	.....	—	30	.....	.....	27
13	.....	.....	1	November			
20	.....	.....	—	6	.....	.....	30
27	.....	.....	1	13	.....	.....	19
March				20	.....	.....	12
6	.....	.....	—	27	.....	.....	16
13	.....	.....	—	December			
20	.....	.....	—	4	.....	.....	19
27	.....	.....	1	11	.....	.....	13
April				18	.....	.....	20
3	.....	.....	1	25	.....	.....	10
10	.....	.....	—	January			
17	.....	.....	—	1	.....	.....	18
24	.....	.....	—	1955			
May				January			
1	.....	.....	1	8	.....	.....	24
8	.....	.....	—	15	.....	.....	14
15	.....	.....	—	22	.....	.....	15
22	.....	.....	—	29	.....	.....	26
29	.....	.....	—	February			
June				5	.....	.....	27
5	.....	.....	1	12	.....	.....	15
12	.....	.....	—	19	.....	.....	24
19	.....	.....	2	26	.....	.....	10
26	.....	.....	—	March			
July				5	.....	.....	13
3	.....	.....	—	12	.....	.....	26
10	.....	.....	—	19	.....	.....	36
17	.....	.....	—	26	.....	.....	29
24	.....	.....	2	April			
31	.....	.....	2	2	.....	.....	21
August				9	.....	.....	10
7	.....	.....	—	16	.....	.....	5
14	.....	.....	—	23	.....	.....	6
21	.....	.....	3	30	.....	.....	10
28	.....	.....	—	May			
September				7	.....	.....	3
4	.....	.....	5	14	.....	.....	8
11	.....	.....	2	21	.....	.....	5
18	.....	.....	2	28	.....	.....	1

1955			1955		
Week ending		No. of Cases	Week ending		No. of Cases
June			September		
4	.....	4	24	.....	1
11	.....	3	October		
18	.....	3	1	.....	5
25	.....	1	8	.....	3
July			15	.....	3
2	.....	2	22	.....	3
9	.....	1	29	.....	3
16	.....	1	November		
23	.....	2	5	.....	—
30	.....	5	12	.....	2
August			19	.....	—
6	.....	—	26	.....	—
13	.....	—	December		
20	.....	—	3	.....	3
27	.....	3	10	.....	—
September			17	.....	1
3	.....	2	24	.....	—
10	.....	1	31	.....	1
17	.....	5			

**Dysentery—Actual Cases by date of onset or of positive culture.**

1954			1955		
Week ending		No. of Cases	Week ending		No. of Cases
October			February		
2	.....	5	12	.....	25
9	.....	10	19	.....	21
16	.....	13	26	.....	26
23	.....	30	March		
22	<i>Letter sent</i>		5	.....	32
30	.....	32	12	.....	34
November			19	.....	53
6	.....	37	26	.....	30
13	.....	16	April		
20	.....	32	2	.....	23
27	.....	36	9	.....	10
December			16	.....	7
4	.....	29	23	.....	12
11	.....	9	30	.....	5
18	.....	21	May		
25	.....	15	7	.....	6
1955			14	.....	10
January			21	.....	3
1	.....	22	28	.....	5
8	.....	16	June		
15	.....	14	4	.....	4
22	.....	41	11	.....	4
29	.....	32			
February					
5	.....	10			

730

### Dysentery—Age and Sex Incidence of Cases.

Age Group			Males	Females	Total
0—5 years	.....	.....	114	98	212
5—10	„	.....	115	101	216
10—15	„	.....	28	39	67
15—20	„	.....	15	11	26
20—25	„	.....	7	15	22
25—30	„	.....	15	28	43
30—35	„	.....	15	26	41
35—40	„	.....	14	27	41
40—45	„	.....	8	12	20
45—50	„	.....	5	6	11
50—55	„	.....	4	8	12
55—60	„	.....	3	3	6
60—65	„	.....	1	2	3
65—70	„	.....	1	2	3
70—75	„	.....	3	1	4
75—80	„	.....	1	2	3
			349	381	730

### Dysentery—Annual (corrected) numbers of Notifications, 1921 to 1955.

Year	No. of Notifications	Year	No. of Notifications
1921	..... —	1939	..... —
1922	..... —	1940	..... 9
1923	..... —	1941	..... 1
1924	..... —	1942	..... 14
1925	..... —	1943	..... 44
1926	..... —	1944	..... 20
1927	..... —	1945	..... 243
1928	..... —	1946	..... 12
1929	..... —	1947	..... 1
1930	..... 10	1948	..... 4
1931	..... —	1949	..... 6
1932	..... —	1950	..... 16
1933	..... —	1951	..... 331
1934	..... —	1952	..... 41
1935	..... —	1953	..... 25
1936	..... —	1954	..... 216
1937	..... —	1955	..... 370
1938	..... —		

# INFECTIOUS DISEASE NURSE'S CASES AND VISITS.

						Cases	Visits
Scarlet Fever	.....	.....	.....	.....	.....	40	97
Pneumonia	.....	.....	.....	.....	.....	26	6
Measles	.....	.....	.....	.....	.....	1521	1506
Puerperal Pyrexia	.....	.....	.....	.....	.....	2	1
Cerebro Spinal Fever	.....	.....	.....	.....	.....	5	8
Whooping Cough	.....	.....	.....	.....	.....	111	265
Food Poisoning	.....	.....	.....	.....	.....	25	68
Dysentery	.....	.....	.....	.....	.....	424	1310
Gastro Enteritis	.....	.....	.....	.....	.....	36	41
Chicken Pox	.....	.....	.....	.....	.....	40	42
Mumps	.....	.....	.....	.....	.....	85	92
Observations	.....	.....	.....	.....	.....	841	1289
Poliomyelitis	.....	.....	.....	.....	.....	6	10
Glandular Fever	.....	.....	.....	.....	.....	2	—
Impetigo	.....	.....	.....	.....	.....	3	1
Encephalitis	.....	.....	.....	.....	.....	3	4
Malaria	.....	.....	.....	.....	.....	1	1
Diphtheria	.....	.....	.....	.....	.....	2	2
Diarrhoea	.....	.....	.....	.....	.....	1	2
Influenza	.....	.....	.....	.....	.....	4	2
Broncho Pneumonia	.....	.....	.....	.....	.....	2	2
Croup	.....	.....	.....	.....	.....	1	1
Rubella	.....	.....	.....	.....	.....	4	2
						3185	4752

## TUBERCULOSIS, 1955.

Age	New Cases Notified during 1955				Deaths during 1955			
			Non-				Non-	
	Pulmonary		Pulmonary		Pulmonary		Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	—	—	—	—	—	—	—	—
1—	—	1	—	—	—	—	—	—
5—	—	—	—	1	—	—	—	—
10—	2	—	—	—	—	—	—	—
15—	2	2	—	2	—	—	—	—
20—	—	4	—	—	—	1	—	—
25—	3	5	—	—	1	2	—	—
35—	4	3	—	1	—	—	—	—
45—	5	1	—	—	2	—	—	—
55—	1	—	—	—	—	—	—	—
65 and over	3	—	—	—	—	—	—	—
	20	16	—	4	3	3	—	—

## A DECADE OF TUBERCULOSIS.

Year	NEW CASES			CASES ON BOROUGH REGISTER			DEATHS	
	Pul- monary	Non-Pul- monary	Total	Pul- monary	Non-Pul- monary	Pul- monary	Non-Pul- monary	Total
1946	66	11	77	307	101	26	1	27
1947	81	8	89	350	104	21	3	24
1948	54	4	58	375	106	17	1	18
1949	50	2	52	384	106	17	1	18
1950	31	1	32	325	72	13	2	15
1951	45	4	49	310	56	7	1	8
1952	35	5	40	299	56	5	3	8
1953	37	7	44	258	48	6	—	6
1954	39	4	43	260	53	9	2	11
1955	36	4	40	297	43	6	—	6

40 new cases of tuberculosis were notified last year, 20 males and 20 females. There were 6 deaths from the disease, 3 males and 3 females. No children died of the disease and 4 of the 6 deaths were between 20 and 35 years of age. These figures are satisfactory in that the improving figures of the last few years are maintained, the number of deaths is equal to the previous lowest of 1933, and the number of notifications also equals the second lowest figure which occurred in 1952.

## PNEUMONIA.

There were 25 notifications of, and 16 deaths from Pneumonia during the year. This is neither better nor worse than previous years and the disease shows no signs of fading into the background as a public health problem.

Six of the deaths were of children in the first year of life and the rest were of people over the age of 45 years. The figures for this disease show little sign of improvement over the years except that deaths are now confined to the two extremes of life. If the number of infant deaths from this cause could be reduced, much would be gained.

### Decenium of Deaths due to Pneumonia.

	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
Males	2	7	9	5	5	8	8	10	11	10
Females	6	7	8	6	4	10	6	10	5	6
	8	14	17	11	9	18	14	20	16	16

### Deaths due to Pneumonia, Age and Sex Distribution, 1955.

			Males	Females	Total
0—	.....	.....	4	2	6
1—	.....	.....	—	—	—
5—	.....	.....	—	—	—
10—	.....	.....	—	—	—
15—	.....	.....	—	—	—
25—	.....	.....	—	—	—
35—	.....	.....	—	—	—
45—	.....	.....	—	1	1
55—	.....	.....	—	1	1
65—	.....	.....	2	—	2
75—	.....	.....	4	1	5
85 and over	.....	.....	—	1	1
			10	6	16

### METEOROLOGICAL RECORDS, 1955.

Month	Barometer		Thermometer		Rainfall (inches)	
	Max.	Min.	Max.	Min. (in shade)		
January	.....	30.4	29.1	50°F	21°F	1.31
February	.....	30.4	29.0	57°F	16°F	1.51
March	.....	30.5	29.5	54°F	23°F	2.05
April	.....	30.8	29.8	66°F	30°F	0.92
May	.....	30.3	29.3	66°F	32°F	2.92
June	.....	30.3	29.5	73°F	37°F	3.27
July	.....	30.5	29.7	83°F	45°F	0.78
August	.....	30.4	29.9	81°F	44°F	0.66
September	.....	30.3	29.6	75°F	41°F	0.96
October	.....	30.3	29.2	72°F	27°F	1.55
November	.....	30.7	29.3	62°F	31°F	0.93
December	.....	30.6	28.9	56°F	21°F	2.16

## ATMOSPHERIC POLLUTION.

It was decided in 1954 that testing of atmospheric pollution in the town should be re-started for a period of twelve months. This was done and six sites were selected and the standard apparatus was set up at these six stations. Monthly readings were taken from July, 1954 until June, 1955 giving a period of six months in each of the two years.

The results of the readings taken at these six stations have already been given in the monthly health reports but are reproduced in detail. The two periods of six months have been dealt with separately in the further tables which have been prepared.

The present scheme is that the same sites will be used in future surveys and the sites have therefore been carefully chosen with this aim in view. However, the town grows and changes so rapidly that in five or ten years new sites may have to be selected to give the maximum possible information.

Previous surveys were made in 1938 and 1947. The actual figures and the monthly averages for these years for total solids deposited are also given.

The siting of the stations has changed through the years and only one site is the same as in the previous years. In 1938 the sites chosen were Brumby Isolation Hospital, Britannia Corner and Santon, and in 1947 the old Police Buildings were added. In 1954 Santon was excluded because Old Row, Santon, had been demolished, the old Police Buildings were excluded because of their doubtful future, and Britannia Corner was excluded because of difficulty in protecting the site from interference. The new sites selected were an inner set of three stations near the large steelworks and an outer set of three away from the industrial zone. Most of the gauges were on open roof tops and this tended to diminish any chances of undue contamination by road traffic and street dust and also prevented the glass from being broken accidentally. It was expected that the inner set at the Health Depot, the new Police Station and Brumby Isolation Hospital would show more contamination than the outer set at Foxhills School, the new Technical College, and the Sewage Works.

The figures show that there has always been a fairly heavy deposit of solids in the town but the most remarkable feature is the sudden increase recorded for the first six months of 1955 when the figures for every station have shown an increase and in some cases have more than doubled. The  $\text{SO}_3$  figures giving the amounts of sulphur fumes in the air do not show the same remarkable increase.

The Beaver Committee's report on atmospheric pollution has given the following table for the amount of coal used in the country for 1953 and has allocated it to the various users. It has also given estimates of the amount of smoke, grit and dust, and sulphur dioxide emitted by coal users.



## Beaver Committee Report.

**Main supplies, users and estimates of pollutants for 1953, for the whole country.**

**Amounts consumed and pollution in millions of tons.**

COAL		SMOKE			GRIT AND DUST		SULPHUR DIOXIDE	
		Million Tons	Million Tons	Per-centage	Million Tons	Per-centage	Million Tons	Per-centage
Domestic	.....	36.8	0.19	2.44	0.1	0.27	0.9	2.44
Electricity	.....	36.7	small	—	0.3	0.81	1.0	2.7
Railways	.....	13.8	0.3	2.17	0.1	0.72	0.4	2.9
Industry	.....	64.6	0.8	1.23	0.3	0.46	1.8	2.78
Coke Ovens	.....	25.9	small	—	small	—	0.1	0.38
Gas Works	.....	27.2	small	—	small	—	0.2	0.73

An attempt has been made to correlate these figures to the conditions existing in the Scunthorpe area and an estimate has been made of the amounts of coal consumed under the same headings. From the estimates the amount of pollution under the three headings has been calculated and is given in the table.

**Estimates of monthly fuel consumption in the Scunthorpe area under the same headings.**

**Amounts consumed and pollution in tons per month.**

COAL		Monthly Consumption	Tons of Smoke	Tons of Grit and Dust	Tons of Sulphur Dioxide
Domestic	.....	4,000	97.6	10.8	97.6
Electricity	.....	74,000	—	599.4	1998.0
Railways	.....	1,000	21.7	7.2	29.0
Industry	.....	6,700	82.4	30.8	186.3
Coke Ovens	.....	143,000	—	—	54.4
Gas Works	.....	5,000	—	—	36.5

It will be seen that according to these estimates, the ordinary household fire produces more visible smoke than either the railways or industry, but it should be remembered that household smoke is spread over a much wider area and is never produced in the same concentrated form as the other types. So far as grit and dust, and sulphur dioxide, are concerned, domestic fires are not very important.



These figures relate only to the various forms of pollution caused by the use of coal and do not take account of the grit and dust produced by the special industrial processes such as sintering, ore and slag crushing, and blowing oxygen through the steel furnaces, which are known to produce large quantities of dust and grit.

The number of deaths and percentage death rate for respiratory diseases in Scunthorpe alone and in the county of Lindsey have been extracted and are given in the table. It will be seen that Scunthorpe usually has a larger percentage of such deaths than has the rest of the Lindsey area of Lincolnshire.

# ATMOSPHERIC POLLUTION, 1954—COTTAGE BECK DEPOT.

Month	Figures in Tons per Square Mile							Lead Peroxide Method. Mg. of SO <sub>3</sub> per 100 sq. cm. per day	
	Insoluble Matter			Included in Soluble Matter			Total Undissolved Matter	Total Dissolved Matter	Total Dissolved and Undissolved Matter
	Tarry Matter	Other Combustible Matter	Ash	Sulphate as SO <sub>4</sub>	Chlorine as Cl'	Lime as Ca + +	18.04	10.84	28.88
July	0.17	8.14	9.73	2.70	0.61	1.11	30.57	20.50	51.08
August	0.07	6.59	23.91	5.84	1.01	3.28	5.23	6.52	11.76
September	0.03	1.55	3.65	2.97	0.81	0.74	9.02	8.38	17.40
October	0.03	2.30	6.69	4.19	1.01	1.45	16.38	12.63	29.02
November	0.07	2.73	13.58	5.74	1.79	2.67	17.39	12.60	30.00
December	0.10	2.97	14.32	4.83	1.32	2.03			

# ATMOSPHERIC POLLUTION, 1954—TECHNICAL COLLEGE, KINGSWAY.

Month	Station Rainfall, per month, in millimetres	Figures in Tons per Square Mile						Lead Peroxide Method. Mg. of SO <sub>3</sub> per 100 sq. cm. per day			
		Insoluble Matter			Included in Soluble Matter						
		Tarry Matter	Other Combustible Matter	Ash	Sulphate as SO <sub>4</sub>	Chlorine as Cl'	Lime as Ca + +				
July	59	0.10	5.37	2.30	2.47	0.44	0.74	7.77	8.41	16.18	—
August	131	0.03	1.79	5.07	3.04	0.61	1.28	6.89	7.03	13.92	0.66
September	40	0.07	1.32	1.72	2.03	0.61	0.28	3.11	4.46	7.57	0.77
October	81	0.14	2.19	2.50	2.40	0.68	0.61	4.83	5.81	10.64	0.98
November	89	0.17	0.51	2.60	2.60	1.25	0.74	3.28	5.91	9.19	1.55
December	58	0.03	0.71	2.20	1.96	1.18	0.54	2.94	5.61	8.55	1.58

ATMOSPHERIC POLLUTION, 1954—POLICE STATION, SHELFORD STREET.

Month	Station Rainfall, per month, in millimetres	Figures in Tons per Square Mile							Lead Peroxide Method. Mg. of SO <sub>3</sub> per 100 sq. cm. per day		
		Insoluble Matter			Included in Soluble Matter			Total Undissolved Matter	Total Dissolved Matter	Total Dissolved and Undissolved Matter	
		Tarry Matter	Other Combustible Matter	Ash	Sulphate as SO <sub>4</sub>	Chlorine as Cl'	Lime as Ca + +	5.99 16.19	5.01 11.41	11.00 27.60	
July	38	0.03	2.40	3.56	1.90	0.47	0.61	5.99	5.01	11.00	—
August	124	0.07	3.59	12.53	4.44	0.74	1.83	16.19	11.41	27.60	0.83
September	41	0.07	1.69	3.62	2.44	0.95	0.74	5.38	6.33	11.72	1.22
October	88	0.07	1.93	4.98	4.60	0.68	1.29	6.98	11.28	18.25	1.43
November	88	0.07	2.00	6.46	3.89	1.69	1.73	8.53	10.84	19.37	2.37
December	51	0.07	1.66	6.63	3.66	1.42	1.42	8.36	9.38	17.74	2.49

# ATMOSPHERIC POLLUTION, 1954—FOXHILLS SCHOOL, CROSBY.

Month	Station Rainfall, per month, in millimetres	Figures in Tons per Square Mile							Lead Peroxide Method. Mg. of SO <sub>3</sub> per 100 sq. cm. per day		
		Insoluble Matter			Included in Soluble Matter			Total Undissolved Matter			
		Tarry Matter	Other Combustible Matter	Ash	Sulphate as SO <sub>4</sub>	Chlorine as Cl'	Lime as Ca + +				
										Total Dissolved Matter	Total Dissolved and Undissolved Matter
July	45	0.10	2.94	2.74	2.23	0.58	0.47	5.68	5.93	11.61	—
August	165	0.07	2.81	7.18	4.23	0.81	1.52	10.06	10.53	20.59	0.72
September	37	0.03	1.76	2.91	2.47	0.71	0.41	4.70	5.69	10.40	1.03
October	82	0.03	1.29	3.22	2.91	0.64	0.68	4.54	6.67	11.21	1.12
November	84	0.14	1.08	9.07	4.23	1.39	1.66	10.29	10.29	20.58	2.03
December	56	0.07	1.29	3.96	2.71	1.15	0.74	5.32	6.26	11.58	1.58

# ATMOSPHERIC POLLUTION, 1954—BRUMBY ISOLATION HOSPITAL.

Figures in Tons per Square Mile										Lead Peroxide Method. Mg. of SO <sub>3</sub> per 100 sq. cm. per day	
Month	Station Rainfall, per month, in millimetres	Insoluble Matter			Included in Soluble Matter			Total Undissolved Matter	Total Dissolved Matter	Total Dissolved and Undissolved Matter	
		Tarry Matter	Other Combustible Matter	Ash	Sulphate as SO <sub>4</sub>	Chlorine as Cl'	Lime as Ca + +	9.42 19.24 3.43 6.90 10.40	10.37 14.52 4.69 7.96 10.44	19.79 33.76 8.13 14.86 20.84	
		July	57	0.20	3.95	5.27	3.09	0.58	1.05	9.42	10.37
August	139	0.13	4.25	14.86	5.24	0.85	3.06	19.24	14.52	33.76	0.85
September	42	0.03	1.22	2.18	2.11	0.65	0.54	3.43	4.69	8.13	0.95
October	87	0.10	1.70	5.10	3.26	0.88	0.99	6.90	7.96	14.86	1.40
November	97	0.07	2.10	8.23	4.73	1.50	1.70	10.40	10.44	20.84	1.91
December	64	0.07	1.60	4.96	3.09	1.22	0.99	6.63	6.53	13.16	2.33

ATMOSPHERIC POLLUTION, 1954—SEWAGE WORKS, ASHBY.

Month	Figures in Tons per Square Mile						Lead Peroxide Method. Mg. of SO <sub>3</sub> per 100 sq. cm. per day	
	Insoluble Matter			Included in Soluble Matter			Total Undissolved Matter	Total Dissolved Matter
	Tarry Matter	Other Combustible Matter	Ash	Sulphate as SO <sub>4</sub>	Chlorine as Cl'	Lime as Ca + +	Total Dissolved Matter	Total Undissolved Matter
July	0.07	1.44	2.25	3.29	0.50	0.67	7.58	11.34
August	0.03	2.92	8.89	4.50	0.70	2.05	12.88	24.73
September	0.10	1.98	3.02	2.95	0.81	0.77	8.62	13.73
October	0.07	1.31	2.65	3.66	0.81	0.81	11.14	15.17
November	0.13	1.87	7.64	4.77	1.30	1.90	9.17	18.82
December			Gauge	Bowl	Broken			1.46
								1.41
								0.68
								0.77
								1.05
								1.46

# ATMOSPHERIC POLLUTION, 1955—HEALTH DEPARTMENT DEPOT.

Lead Peroxide Method. Mg. of SO <sub>3</sub> per 100 sq. cm. per day	Figures in Tons per Square Mile								
	Insoluble Matter			Included in Soluble Matter			Total Undissolved Matter	Total Dissolved Matter	Total Dissolved and Undissolved Matter
	Tarry Matter	Other Combustible Matter	Ash	Sulphate as SO <sub>4</sub>	Chlorine as Cl'	Lime as Ca + +	34.45	17.23	51.68
Station Rainfall per month in millimetres	31	43	58	20	71	69	31	43	58
January	.....	.....	.....	.....	.....	.....	.....	.....	.....
February	.....	.....	.....	.....	.....	.....	.....	.....	.....
March	.....	.....	.....	.....	.....	.....	.....	.....	.....
April	.....	.....	.....	.....	.....	.....	.....	.....	.....
May	.....	.....	.....	.....	.....	.....	.....	.....	.....
June	.....	.....	.....	.....	.....	.....	.....	.....	.....



# ATMOSPHERIC POLLUTION, 1955—NEW TECHNICAL COLLEGE.

Lead Peroxide Method. Mg. of SO <sub>3</sub> per 100 sq. cm. per day										2.12	1.95	1.50	0.99	1.04	1.11						
Figures in Tons per Square Mile										Total Dissolved and Undissolved Matter		14.32	6.11	26.38	17.73	8.82	26.01				
										Total Dissolved Matter		5.24	3.51	12.60	8.34	4.63	8.92				
										Total Undissolved Matter		9.09	2.60	13.78	9.39	4.19	17.09				
										Included in Soluble Matter	Lime as Ca + +	0.78	0.57	2.09	1.15	0.88	1.89				
											Chlorine as Cl'	0.61	0.32	1.62	0.64	0.88	0.51				
Insoluble Matter	Sulphate as SO <sub>4</sub>	1.82	1.45	4.97	2.87	1.89	4.12														
	Ash	7.20	1.79	10.98	7.47	3.14	11.58														
	Other Combustible Matter	1.82	0.78	2.70	1.89	0.98	5.44														
Tarry Matter		0.07	0.03	0.10	0.03	0.07	0.07														
Station Rainfall per month in millimetres										27	31	49	27	70	67						
										January	.....	February	.....	March	.....	April	.....	May	.....	June	.....

## ATMOSPHERIC POLLUTION, 1955—SEWAGE WORKS.

[illegible]

# ATMOSPHERIC POLLUTION, 1955—FOXHILLS SCHOOL.

Figures in Tons per Square Mile								Lead Peroxide Method. Mg. of SO <sub>3</sub> per 100 sq. cm. per day										
Station Rainfall per month in millimetres	Insoluble Matter			Included in Soluble Matter			Total Undissolved Matter	Total Dissolved Matter	Total Dissolved and Undissolved Matter									
	Tarry Matter	Other Combustible Matter	Ash	Sulphate as SO <sub>4</sub>	Chlorine as Cl'	Lime as Ca + +	7.88 8.19 20.62 9.85 11.44 15.34	10.70 9.65 13.54 6.84 8.06 7.75	18.59 17.84 34.16 16.69 19.50 23.09									
	23	48	57	30	72	72	0.03 0.07 0.10 0.03 0.17 0.07	1.76 1.62 16.66 7.45 2.27 5.89	6.09 6.50 3.86 2.37 9.00 9.38	3.35 4.06 5.11 2.51 3.01 2.57	1.59 1.49 1.46 0.58 0.91 0.54	1.79 1.42 2.30 1.12 1.29 1.35						
	January	February	March	April	May	June	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

# ATMOSPHERIC POLLUTION, 1955—ISOLATION HOSPITAL.

Lead Peroxide Method. Mg. of SO <sub>3</sub> per 100 sq. cm. per day		Figures in Tons per Square Mile												
Station Rainfall per month in millimetres	January February March April May June	0.14 0.07 0.14 0.07 0.31 0.31	Insoluble Matter			Included in Soluble Matter		Total Undissolved Matter	Total Dissolved Matter	Total Dissolved and Undissolved Matter				
			Tarry Matter	Other Combustible Matter	Ash	Sulphate as SO <sub>4</sub>	Chlorine as Cl'				Lime as Ca + +			
39	45	56	25	74	71	0.14	6.60	28.76	7.62	2.01	4.05	57.36	21.86	35.50
.....	.....	.....	.....	.....	.....	0.07	7.38	31.65	6.70	2.14	3.54	57.26	18.16	39.10
.....	.....	.....	.....	.....	.....	0.14	4.86	26.08	6.77	1.97	3.30	50.08	19.01	31.08
.....	.....	.....	.....	.....	.....	0.07	4.62	23.70	4.76	0.75	1.90	39.34	10.95	28.39
.....	.....	.....	.....	.....	.....	0.31	4.11	20.37	3.91	1.12	2.48	37.30	12.51	24.79
.....	.....	.....	.....	.....	.....	0.31	7.68	21.96	5.41	0.92	3.26	45.49	15.54	29.95

# ATMOSPHERIC POLLUTION, 1955—POLICE STATION.

	Figures in Tons per Square Mile						Lead Peroxide Method. Mg. of SO <sub>3</sub> per 100 sq. cm. per day
	Insoluble Matter			Included in Soluble Matter			Total Dissolved and Undissolved Matter
	Tarry Matter	Other Combustible Matter	Ash	Sulphate as SO <sub>4</sub>	Chlorine as Cl'	Lime as Ca + +	Total Dissolved Matter
							Total Undissolved Matter
January	0.07	2.88	8.87	4.37	2.14	1.76	11.82
February	0.07	2.71	8.90	4.91	2.20	2.20	11.68
March	0.07	3.93	15.64	5.62	1.59	1.59	19.64
April	0.07	2.10	9.78	2.88	0.91	1.39	11.95
May	0.10	2.54	9.68	4.27	1.56	1.86	12.32
June	0.03	4.77	9.97	4.29	0.74	1.55	14.77
	25						23.19
	43						24.79
	58						36.30
	26						20.01
	81						23.13
	73						24.47

**Total Solids Deposited, 1938.**

**Total Solids Deposited, 1947.**

	Britannia Corner	Brumby Hospital	Santon	Britannia Corner	Brumby Hospital	Santon	Police Station
January .....	—	—	—	24.67	30.39	56.59	113.80
February .....	—	—	—	42.84	39.28	46.18	80.69
March .....	—	—	—	59.82	30.86	—	—
April .....	22.45	16.76	484.6	39.63	16.10	—	27.02
May .....	39.85	26.22	145.8	31.28	98.00	—	61.83
June .....	22.50	11.49	112.6	—	28.06	—	62.74
July .....	18.71	9.69	85.0	30.90	16.07	—	55.60
August .....	27.50	21.52	212.9	42.64	28.94	—	111.33
September .....	18.54	18.39	100.6	18.99	14.99	—	33.86
October .....	19.85	13.78	104.8	27.38	27.46	—	—
November .....	19.15	17.93	78.46	10.27	14.62	131.67	19.64
December .....	24.08	24.86	138.0	34.05	14.11	122.07	38.16

**Monthly Averages in Tons per Square Mile  
of Total Solids Deposited.**

	1938	1947	1954	1955
Britannia Corner .....	22.62	32.95	—	—
Brumby Hospital .....	17.85	29.81	18.42	47.80
Santon .....	162.53	89.12	—	—
Old Police Buildings .....	—	60.46	—	—
New Health Depot .....	—	—	28.02	51.95
Technical College .....	—	—	11.01	16.56
Sewage Works .....	—	—	16.56	17.07
Foxhills School .....	—	—	14.33	21.64
New Police Station .....	—	—	17.61	25.31

**Total Solids Deposited (Tons per square mile).**

<b>1954</b>	<b>Health Depot</b>	<b>Technical College</b>	<b>Sewage Works</b>	<b>Foxhills School</b>	<b>Brunby Hospital</b>	<b>Police Station</b>	<b>TOTALS</b>
July .....	28.88	16.18	11.34	11.61	19.79	11.00	98.80
August .....	51.08	13.92	24.73	20.59	33.76	27.60	171.68
September .....	11.76	7.57	12.73	10.40	8.13	11.72	62.31
October .....	17.40	10.64	15.17	11.21	14.86	18.25	87.53
November .....	29.02	9.19	18.82	20.58	20.84	19.37	117.82
December .....	30.00	8.55	<b>16.56</b>	11.58	13.16	17.74	97.59
<b>Totals .....</b>	168.14	66.05	82.79 (5)	85.97	110.54	105.68	
<b>Average .....</b>	28.02	11.01	16.56	14.33	18.42	17.61	
<b>1955</b>							
January .....	51.68	14.32	<b>17.07</b>	18.59	57.36	23.19	182.21
February .....	60.97	6.11	<b>17.07</b>	17.84	57.26	24.79	184.04
March .....	58.96	26.38	<b>17.07</b>	34.16	50.08	36.30	222.95
April .....	29.36	17.73	17.48	16.69	39.34	20.01	140.61
May .....	49.24	8.82	20.11	19.50	37.30	23.13	158.10
June .....	61.52	26.01	13.64	23.09	45.49	24.47	194.22
<b>Totals .....</b>	311.73	99.37	51.23 (3)	129.87	286.83	151.89	
<b>Average .....</b>	51.95	16.56	17.07	21.64	47.80	25.31	



Lead Peroxide Method (M.g. of SO<sub>3</sub> per 100 sq. cm. per day).

1954	Health Depot	Technical College	Sewage Works	Foxhills School	Brumby Hospital	Police Station	TOTALS
July .....	—	—	—	—	—	—	—
August .....	0.91	0.66	0.68	0.72	0.85	0.83	4.65
September .....	0.90	0.77	0.77	1.03	0.95	1.22	5.64
October .....	1.39	0.98	1.05	1.12	1.40	1.43	7.37
November .....	1.68	1.55	1.46	2.03	1.91	2.37	11.00
December .....	1.99	1.58	1.41	1.58	2.33	2.49	11.38
Totals .....	6.87	5.54	5.37	6.48	7.44	8.34	
Average .....	1.37	1.11	1.07	1.29	1.48	1.67	

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1955							
January .....	2.47	2.12	1.33	1.47	2.23	2.53	12.15
February .....	2.20	1.95	1.28	0.92	1.84	2.36	10.55
March .....	1.98	1.50	1.39	1.38	2.01	2.20	10.46
April .....	1.04	0.99	0.85	0.90	1.17	1.32	6.27
May .....	0.71	1.04	0.89	0.71	1.15	1.26	5.76
June .....	1.44	1.11	0.57	0.55	1.11	1.11	5.89
Totals .....	9.84	8.71	6.31	5.93	9.51	10.78	
Average .....	1.64	1.45	1.05	0.99	1.58	1.79	



**ANNUAL COMPARISON OF DEATHS FROM RESPIRATORY  
DISEASES IN SCUNTHORPE AND LINDSEY FOR THE  
YEARS 1921—1955.**

Year	No. of deaths in Scun- thorpe	Deaths from Respi- ratory Diseases	Percentage of deaths due to Respiratory Diseases	No. of deaths in County excluding Scun- thorpe	Deaths from Respi- ratory Diseases	Percentage of deaths due to Respiratory Diseases
1921	308	74	24.02	2673	576	21.54
1922	278	87	31.29	3000	739	24.63
1923	293	94	32.08	2652	582	21.94
1924	324	100	30.86	2754	624	22.65
1925	274	80	29.19	2700	616	22.44
1926	268	60	22.38	2690	508	18.88
1927	321	92	28.66	2978	725	24.35
1928	238	39	16.38	2488	452	18.16
1929	350	117	33.42	3021	710	23.50
1930	327	73	22.32	2724	431	15.82
1931	349	106	30.37	2842	552	19.42
1932	325	65	20.00	2984	525	17.59
1933	359	76	21.17	2852	576	20.19
1934	320	58	18.12	2725	381	13.98
1935	340	60	17.64	2754	384	13.94
1936	360	65	18.05	2892	395	13.65
1937	394	88	22.33	2882	450	15.61
1938	404	85	21.03	2790	333	11.93
1939	388	69	17.78	2944	352	11.95
1940	437	91	20.82	3080	545	17.69
1941	408	67	16.42	2908	424	14.58
1942	391	56	14.32	2783	333	11.96
1943	389	83	21.33	2876	449	15.61
1944	395	60	15.19	2716	332	12.22
1945	404	73	18.06	2787	319	11.44
1946	424	72	16.98	2855	356	12.46
1947	415	64	15.42	3032	392	12.92
1948	431	66	15.31	2817	309	10.97
1949	445	62	13.93	3016	464	15.38
1950	444	51	11.48	3174	434	13.67
1951	474	80	16.87	3147	470	14.93
1952	422	52	12.32	2933	333	11.35
1953	484	76	15.70	2969	423	14.24
1954	503	61	12.12	2986	368	12.32
1955	468	62	13.24			

## ENVIRONMENTAL HEALTH.

### Housing.

629 new houses were completed during the year, 417 by the local authority and 212 by private builders.

The remaining house in St. Margaret's Walk became unoccupied and all 6 houses were demolished, as a result of a Demolition Order made in 1954.

12 old houses in Suttons Yard were purchased and demolished by the Council to make way for a much needed car park.

2 old houses in Ashby High Street (206 and 206a) which would have been the subject of Demolition Orders were converted into lock-up shops.

1 house, Cairo Cottage, was purchased and demolished by the Council to allow for bridge improvements at the main railway bridge.

1 house, No. 7 Old Brumby Street, was represented as unfit for habitation. As a result of this the owner has given an undertaking to put it into a proper state of repair. The house is at present empty due to the death of the tenant.

An owner appealed against the Notice served on him to supply a dustbin. The appeal was heard before the local magistrates and was dismissed.

An owner appeared before the local magistrates when a Nuisance Order was made requiring him to abate within two months a nuisance caused by a defective cooking range.

At the close of the year 7 houses (Nos. 54, 56, 58 Old Brumby Street, and Nos. 212, 214, 216 and 218 Ashby High Street), were represented as unfit for habitation.

### Housing Repair and Rents Act 1954.

Of the unfit houses in the town it was found by a survey that 165 needed dealing with under the Housing Act during the next five years.

### Hostels.

Brigg Road—accommodation for	128
British Railways	„ „ 39
Firth Brown	„ „ 12

Inspections were made during the year and the premises found to be clean. Two of the main hostels were closed during the year owing to the movement of workers.

### Caravans.

The Council's Manifold Road site was completely occupied during the year and a small waiting list for sites remains.

### Public Conveniences.

The new conveniences at Ashby Road were opened during the year. The following table gives details of the income derived from the conveniences during the year:—

PUBLIC CONVENIENCES—INCOME, 1955.

	Hozene Receipts	Number of persons using W.C.s	Receipts	Number of persons using Wash-up	Receipts	Number of persons using Weighing Machines	40% Weighing Machine Receipts	Total Receipts
	£ s. d.		£ s. d.		£ s. d.		£ s. d.	£ s. d.
Market Hill (Ladies) .....	96 6 6	70,791	294 19 3	1,855	23 3 9	6,280	10 9 2	424 18 8
Market Hill (Gents.) .....	— — —	22,300	92 18 4	2,938	36 12 0	19,680	32 15 10	162 6 2
Britannia Corner (Ladies)	112 7 0	90,068	375 5 8	1,050	13 2 6	16,768	27 18 8	528 13 10
Britannia Corner (Gents.)	— — —	28,486	118 13 10	1,822	22 15 6	57,778	96 5 9	237 15 1
Cole Street (Ladies) .....	— — —	2,942	12 5 2	—	— — —	—	— — —	12 5 2
Cole Street (Gents.) .....	— — —	3,069	12 15 9	—	— — —	2,761	4 11 11	17 7 8
Furnace Arms (Gents.) .....	— — —	4,668	19 9 0	—	— — —	—	— — —	19 9 0
Cottage Beck (Ladies) .....	— — —	1,589	6 12 5	—	— — —	—	— — —	6 12 5
Cottage Beck (Gents.) .....	— — —	2,147	8 18 11	—	— — —	1,806	3 0 1	11 19 0
Queen's Gardens (Ladies)	1 9 6	5,560	23 3 4	—	— — —	1,382	2 6 0	26 18 10
Queen's Gardens (Gents.)	— — —	1,874	7 16 2	—	— — —	3,171	5 5 7	13 1 9
	210 3 0	233,494	972 17 10	7,665	95 13 9	109,626	182 13 0	1461 7 7

## Public Baths.

32 samples of the baths water were sent for bacteriological examination and 5 samples for chemical analysis. All were satisfactory.

## REFUSE AND SALVAGE.

### 1. Salvage.

The following is a detailed list showing the amounts of salvage collected during the year:—

<i>Item</i>	<i>Weight</i>				<i>Value</i>		
	Tons	cwt.	qrs.	lbs.	£	s.	d.
Paper .....	1072	8	1	0	9,470	15	6
Baled Tins .....	51	8	0	0	297	2	7
String, Bagging .....	3	6	2	0	32	1	6
Rags .....	11	1	2	0	363	8	0
Scrap Metal .....	10	7	3	26	95	3	3
Wood Wool .....	3	16	5	0	57	18	9
	1152	9	1	26	10,316	9	7

As will be seen from the tabulated statement above the amount of salvage collected continues to increase yearly, this year being 70 tons above last year. For the last 5 years the amounts are as follows:

	<del>£</del> s. d.		
1950 .....	745	10	0
1951 .....	897	7	0
1952 .....	921	13	0
1953 .....	1,059	15	0
1954 .....	1,088	18	0
1955 .....	1,152	9	0

It will be noted that since 1950 the tonnage of salvage collected has increased by more than 50%.

During the year a new Brierly and Kershaw paper baling press complete with two boxes was installed. This has proved a very useful machine.

### 2. Refuse.

Approximately 20,850 tons of house and shop refuse have been collected. This, together with 500 loads of trade refuse deposited at the tip by traders, and 200 loads of refuse for which a charge has been made, gives an estimated total of 21,800 tons of refuse disposed of during the year.

### 3. New Depot.

Work on the depot extensions has not been commenced due to the restraint on expenditure.

#### 4. Refuse Collection.

The bin bonus scheme for refuse collectors introduced at the end of 1954 is working very satisfactorily. The time lag between collections is now 7—8 days. Refuse is still disposed of by controlled tipping on land at Brigg Road. A large area has now been filled up and sold for light industrial use.

### PUBLIC CLEANSING COSTING RETURN, 1955/56.

#### 1. Operational Statistics.

Area of the Borough .....	7,895 acres
Population (mid 1955 estimate) .....	57,440
Total refuse collected .....	22,175 tons
Weight per 1,000 population per day .....	22.1 cwts.
Number of premises .....	18,067
Average haul to point of disposal .....	2½ miles
Total refuse disposed of .....	23,000 tons

#### 2. Cost Statement.

	Collection £	Disposal £	Total £
Revenue Account			
Gross expenditure .....	27,776	12,344	40,120
Gross income .....	283	10,965	11,248
Net cost .....	27,493	1,379	28,872

Unit Costs:	s.	d.	s.	d.	s.	d.
* Gross cost per ton...	23	2½	9	1	32	3½
+ Net cost per ton .....	24	9½	1	2¼	25	11¾

\*—Labour and transport costs only.

+—All expenditure.

#### Rodent Control—Prevention of Damage by Pests Act 1949.

228 reports were received of infestations (198 rats and 30 mice). 74 infestations were found by the rodent operative (69 rats and 5 mice) making a total of 302 properties treated (267 rats and 35 mice). Numerous inspections were carried out to ensure that all types of properties were free from rats and mice and the rodent operative visited 20 owned by the local authority, 2,196 private houses, 108 business premises and 147 agricultural properties. 753 sewers were treated and there was only one complete take and 92 part takes.

### FOOD HANDLING.

#### General.

New regulations regarding food hygiene will be coming into force at the end of 1955. The provision of wash-basins for hand washing, sinks for the washing of equipment etc. together with other requirements for personal cleanliness will go a long way towards improving the standards of cleanliness in food shops.



### **Bakehouses.**

During the year two bakehouses were closed. 49 inspections were made of the remaining 14. Arising out of these inspections one contravention of the Food and Drugs Act 1938, Section 14, was noted in respect to cleanliness etc. and this has been abated.

### **Fried Fish and Chip Shops.**

There are 49 shops in the town and 144 visits were made. The following improvements were effected :—

Hot and cold water provided .....	2
Preparation room cleansed .....	4

During the year the co-operation of the shop-keepers was sought in an effort to prevent as far as was possible the indiscriminate disposal of fish and chip papers. Baskets were fixed wherever possible and suitable notices displayed at the shops.

### **Butchers Shops.**

One new shop was opened during the year, making a total of 52 in the Borough. 130 visits were made and cleanliness at all shops was found to be good.

### **Travelling Shops.**

With the development of large housing estates there has arisen a greater need for travelling shops. Many vegetable hawkers have acquired vehicles which enable all food to be kept covered and permit shoppers to enter when making purchases.

### **Horse Flesh (for human consumption).**

There is one shop in the town and this has been inspected regularly.

### **Dairies.**

There are only two dairies in the town and these are visited regularly. It will be seen from the tables later in this report that of the 281 samples sent for bacteriological examination only two failed the test. Of the samples tested in our own laboratory by the Gerber method, 64 out of 239 were not up to the required standard but follow-up samples were taken and these were all satisfactory.

### **Ice Cream Premises.**

There are four premises registered for the manufacture of ice cream and 158 for the sale of ice cream. Three of the manufacturers did not make ice cream during the year. All premises remained in a satisfactory condition.

### **Cafes.**

There are 8 cafes and 6 snack bars in the town. During the year one cafe ceased business.

### **Food Preparing Premises.**

There are 39 premises registered under Section 14 of the Food and Drugs Act 1938. 36 premises are registered in respect to the preparation of meat and meat products and 3 in respect to fish and fish products. All have been inspected regularly and were found to be in a satisfactory condition.

### **Other Food Premises.**

There are three factories in the town where other foods are manufactured, viz. 1 minerals, 1 sweets and 1 crisps. All are clean and satisfactory.

### **Other Premises:**

#### **Shops Act, 1950.**

There are 870 shops in the town—390 houses and shops, 120 lock-up shops attached to dwelling houses, and 360 separate lock-up shops. 654 inspections were made and 16 contraventions were abated—

Hot and cold water provided	.....	4
Hot water provided	.....	4
Sink provided	.....	2
Notices provided	.....	2
Cleanliness improved	.....	4

Local shop-keepers were warned regarding Sunday trading and one was fined £2 for an offence in this connection.

#### **Rag Flock and Other Filling Materials Act, 1951.**

There are three premises in the Borough. Inspections have been made and no contraventions noted.

## **INSPECTION OF FOODSTUFFS.**

### **1. Abattoir.**

These premises were leased to the Fatstock Marketing Corporation who kill and supply meat to the butchers in the town and surrounding areas. All animals killed are inspected by the Department's Inspectors and killing takes place on almost every day of the week, thus necessitating an Inspector being on duty every week-end.

### **2. Private Slaughterhouse.**

There is one licensed slaughterhouse in the Borough. It is kept clean and in good repair. The animals killed are chiefly pigs.



## ANIMALS SLAUGHTERED, 1955.

The following table shows the number of animals slaughtered during the year.

Month	Brought into Abattoir for Inspection				Slaughtered at Private Slaughter-house (Pigs)
	Beast	Cows	Sheep	Calves	
January .....	278	23	762	599	—
February .....	177	58	5101	753	—
March .....	126	21	228	805	1
April .....	196	20	245	1082	29
May .....	139	8	156	671	—
June .....	149	19	361	485	4
July .....	182	14	1478	422	—
August .....	245	22	1014	517	3
September .....	229	20	682	568	4
October .....	589	16	668	686	1
November .....	199	54	677	675	1
December .....	177	26	494	1067	2
TOTALS	2686	301	11866	8330	45

# UNFIT MEAT SURRENDERED.

The following table shows the amount of meat surrendered after examination, giving the weight in pounds and the disease or cause of unfitness.

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Tuberculosis .....	2913	2454	2705	3452	4704	1149	3849	2881	2543	8638	3485	3665	42438
Abscesses .....	414	736	357	515	73	119	129	153	327	566	243	204	3836
Arthritis .....	50	25	68	19	147	34	50	174	128	58	46	—	799
Actinomycosis .....	—	103	60	30	216	—	30	62	30	202	154	—	887
Bruising .....	141	836	48	41	36	39	20	22	439	370	164	20	2176
Cysticercus Bovis .....	—	—	—	—	—	360	105	152	86	270	32	—	1005
Cysts .....	—	15	42	—	—	—	—	—	15	10	25	73	180
Cavernous Angioma .....	—	—	—	—	—	—	15	—	—	15	10	—	40
Dropsy and Emaciation.....	10	9	823	—	92	120	—	722	757	98	—	—	2631
Erysipelas and Urticaria .....	361	61	188	150	—	—	—	—	—	50	11	—	821
Fevered .....	111	97	24	479	36	53	173	190	218	129	479	—	1989
Inflammation and Pneumonia .....	1336	1642	2654	2349	1861	792	965	1640	1322	1982	856	1367	18766
Moribund .....	—	—	224	122	—	—	—	—	96	—	—	—	442
Parasitical Infestation .....	302	219	269	272	296	597	716	1103	925	1887	748	758	8092
Pyæmia .....	—	—	980	119	30	—	—	—	—	—	—	165	1294
Septicæmia .....	71	—	226	89	664	393	69	68	730	919	70	—	3299
Immaturity .....	—	—	—	—	—	—	—	140	14	—	—	—	154
Necrosis .....	9	6	—	—	26	—	—	20	—	62	—	—	144
Uræmia .....	—	—	21	—	—	—	—	—	—	5	—	—	5
Nephritis .....	—	278	—	—	—	—	—	—	—	—	—	—	278
Decomposition .....	20	—	—	—	38	—	790	305	528	—	10	—	1691
Fatty Degeneration .....	—	—	20	—	—	4	20	47	20	13	14	10	148
Jaundice .....	—	—	—	89	—	—	—	—	—	—	—	—	89
Fractures .....	—	75	47	38	171	65	513	16	71	—	272	—	1268
Johne's Diseases .....	—	—	—	—	—	—	—	—	—	—	—	510	510
	5738	6556	8756	7764	8390	3725	7444	7695	8249	15274	6619	6772	92982

# CARCASES INSPECTED AND CONDEMNED, 1955.

				Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	.....	.....	.....	2,686	301	45	8,266	8,330*
Number inspected	.....	.....	.....	2,686	301	45	8,266	8,330*
<i>All diseases except Tuberculosis and Cysticerci:</i>								
Whole carcases condemned	.....	.....	.....	6	6	1	10	76
Carcases of which some part or organ was condemned	.....	.....	.....	999	102	5	129	1,078
Percentage of the number inspected affected with disease other than Tuberculosis and Cysticerci	.....	.....	.....	37.2%	36.1%	13.3%	1.7%	10.2%
<i>Tuberculosis only:</i>								
Whole carcases condemned	.....	.....	.....	12	4	2	1	13
Carcases of which some part or organ was condemned	.....	.....	.....	465	73	1	—	391
Percentage of the number inspected affected with Tuberculosis	.....	.....	.....	17.7%	25.6%	6.3%	.01%	3.6%
<i>Cysticercosis:</i>								
Carcases of which some part or organ was condemned	.....	.....	.....	20	1	—	—	—
Carcases submitted to treatment by refrigeration	.....	.....	.....	20	1	—	—	—
Generalised and totally condemned	.....	.....	.....	—	—	—	—	—

\*—Plus 2,938 pigs killed at a private slaughterhouse.

**Milk.**

The following licences are in force :—

Dealer's (Pasteuriser's) licence authorising the use of the special designation "Pasteurised" .....	2
Dealer's (Pasteuriser's) licence authorising the use of the special designation "Tuberculin Tested (Pasteurised)" .....	2
Dealer's (Steriliser's) licence authorising the use of the special designation "Sterilised" .....	2
Dealer's supplementary licence authorising the use of the special designation "Sterilised" .....	149
Dealer's supplementary licence to sell Tuberculin Tested Milk .....	2

**Bacteriological Examination.**

The following are the results from the 281 samples of milk taken during the year :—

	Satisfactory	Unsatisfactory	Total
Pasteurised .....	83	1	84
T.T. (Pasteurised) .....	84	—	84
Sterilised .....	84	—	84
Tuberculin Tested .....	28	1	29
	279	2	281

**Gerber Samples.**

Number examined .....	239
Number deficient in fat .....	11
Number deficient in solids-not-fat .....	53

Follow-up samples were taken and all were satisfactory.

**Ice Cream.**

**(a) Bacteriological Examination.**

10 samples of ice cream were sent for bacteriological examination and all were Grade 1.

**(b) Chemical Examination.**

4 samples were sent for chemical analysis and the fat contents were—8.66%, 9.79%, 11.68% and 13.0%.

## FOOD SAMPLING.

132 samples of food and drugs (123 informal and 9 formal) were taken during the year under the Food and Drugs Act, 1938. Details are as follows—

Item	Formal	Informal	Total
Almond Tarts	—	1	1
Angelica	—	1	1
Arrowroot	—	1	1
Aspirin	—	2	2
Bicarbonate of Soda	—	4	4
Blackcurrant Cordial	—	1	1
Butter	—	1	1
Castor Oil	—	2	2
Camphorated Oil	—	4	4
Cascara Sagrada	—	3	3
Cider Vinegar	—	2	2
Condensed Milk	—	3	3
Cheese	—	3	3
Cheese Cakes	—	1	1
Custard Powder	—	3	3
Dripping	—	3	3
Dressed Crab	—	2	2
Fish Paste	—	3	3
Flowers of Sulphur	—	2	2
Friars Balsam	—	3	3
Ground Almonds	—	1	1
Gravy Browning	—	1	1
Ground Ginger	—	1	1
Gelatine	—	3	3
Glaubers Salt	—	3	3
Honey	—	4	4
Horseradish Sauce	—	2	2
Hydrogen Peroxide	—	1	1
Ice Cream	4	—	4
Iodised Throat Tablets	—	1	1
Jam Tarts	—	3	3
Jam	—	4	4
Jellies	—	4	4
Lard	—	3	3
Lemonade Crystals	—	2	2
Marjoram	—	1	1
Marzipan	—	1	1
Milk	5	—	5
Milk Curd	—	1	1
Madiera Buns	—	1	1
Meat Paste	—	3	3
Oatmeal	—	1	1
Orange Crush	—	3	3
Peanut Butter	—	1	1
Puff Pastry	—	1	1

Item	Formal	Informal	Total
Pearl Barley .....	—	1	1
Rum Flavouring .....	—	1	1
Rice .....	—	2	2
Sausage, Pork .....	—	4	4
Squash, Lemon .....	—	1	1
Syrup of Figs .....	—	3	3
Sago .....	—	1	1
Synthetic Cream Powder .....	—	1	1
Salmon Relish .....	—	1	1
Sage and Onion Stuffing .....	—	2	2
Sponge Mixture .....	—	1	1
Soup .....	—	1	1
Tea .....	—	1	1
Tomato Sauce .....	—	1	1
Tomato Ketchup .....	—	3	3
Tincture of Iodine .....	—	2	2
Walnut Toffee .....	—	1	1
White Pepper .....	—	4	4
Yeast .....	—	1	1
	9	123	132

The following table shows the results of the unsatisfactory samples:—

No. of Sample	Nature of Sample	Formal/ Informal	Report	Action taken
2409	Potted Meat	Informal	Contained 76.7 per cent. meat. Should have been described as potted meat paste.	Vendor warned.
2410	Potted Meat	Informal	Contained 75.8 per cent. meat. Should have been described as potted meat paste.	Vendor warned.
2481	Plum Jam	Informal	Slightly deficient in soluble solids.	Warning letter to manufacturer
2482	Apple and Plum Jam	Informal	Slightly deficient in soluble solids.	Warning letter to manufacturer
2483	Honey	Informal	Incorrectly described on the label as a blend of Invert Sugar and Honey.	Warning letter to manufacturer



No. of Sample	Nature of Sample	Formal/ Informal	Report	Action taken
2542	Glauber Salts	Informal	Did not conform to B.P. standard in regards water content.	Warning letter to manufacturer
2543	Glauber Salts	Informal	Did not conform to B.P. standard in regards water content.	Warning letter to manufacturer

### WATER.

42 samples of water were taken from the rising main and sent for bacteriological examination. All proved satisfactory.

9 samples of water were chemically examined, with satisfactory results.

There are four houses only which are not connected to the public supply.

The following information has been supplied by the Borough Engineer :—

#### Consumption of Water in the Borough of Scunthorpe.

			Consumption for the year gallons	Average daily consumption gallons	Consumption in galls. per head per day
Domestic	.....	.....	530,493,000	1,453,405	25.7
Metered	.....	.....	147,111,000	403,044	7.1
TOTAL			677,604,000	1,856,449	32.8

Consumption of water in the Parish of Roxby-cum-Risby, which is included in the statutory area of supply—

Consumption for the year—7,122,000 gallons.

Consumption of water supplied by the Corporation Undertaking outside the Statutory Area (Glanford Brigg Rural District)—

Consumption for the year—4,354,000 gallons.

Total consumption for the year, including Scunthorpe, Roxby-cum-Risby and parts of Glanford Brigg Rural District—

689,080,000 gallons.



## Summary of "Take" from the various sources of supply.

Source of Supply	Total per year —gallons	Average per day —gallons
Corporation Works :		
Appleby .....	46,705,000	128,000
Risby Warren .....	205,477,000	563,000
North Lindsey Water Board.....	436,898,000	1,197,000
<b>TOTAL</b>	<b>689,080,000</b>	<b>1,888,000</b>

## FACTORIES AND WORKPLACES.

During the year, 180 inspections have been made of factories and workplaces.

### Defects Found.

Particulars	Number of Defects :	
	Found	Remedied
Cleanliness, want of .....	5	5
Inadequate Ventilation .....	1	1
Sanitary Conveniences :		
(a) Insufficient .....	—	—
(b) Unsuitable or defective .....	1	1

### Factories and Workplaces in the Borough, 1955.

Type	With Power	Without Power
Bakehouses .....	12	1
Blacksmiths .....	1	—
Boot and Shoe Repairers .....	10	—
Boot Manufacturers .....	1	—
Builders Merchants .....	2	—
Cycle Repairers .....	3	1
Concrete Products .....	1	—
Cellulose Spraying .....	1	—
Clothing Manufacturers .....	3	—
Dairies .....	2	—
Dressmakers .....	2	2
Egg Packing .....	1	—
Engineers .....	6	—
Firewood .....	2	—
French Polishers .....	—	2
Food Manufacturers .....	13	—
Gas Works .....	1	—
Iron and Steel and Subsidiary Companies .....	26	—
Joinery and Upholstery .....	23	2

Type	With Power	Without Power
Laundries and Dry Cleaners .....	6	2
Marine Stores .....	—	2
Mineral Waters .....	1	—
Paper Baling .....	1	—
Plumbing .....	3	—
Printers .....	7	1
Radio and Electrical Repairs .....	5	2
Photographers .....	—	1
Scale Repairs .....	1	—
Stone Masons .....	2	1
Saddlery .....	—	1
Tinsmiths .....	1	—
Vehicle Repairs .....	37	—
Wagon Repairs .....	4	—
Watch Repairs .....	1	—
Wreath Making .....	—	2
	<hr/> 179	<hr/> 20

### GENERAL INSPECTIONS.

Number of Inspections .....	3,233
Number of Nuisances Abated.....	2,230

	Ashby	Brumby	Crosby	East	Frodingham	Park	Town	West	Total.
No. of Informal Notices	300	189	54	57	171	84	57	40	952
No. of Statutory Notices	12	1	17	9	7	—	7	6	59
No. of Complaints .....	47	15	21	27	22	11	25	21	189

Total Number of Nuisances Abated during the year:—

(1) Abated as a result of informal action.....	2009
(2) Reported to Council:	
Statutory Notices issued .....	59
Statutory Notices not issued .....	19

### DETAILS OF NUISANCES ABATED.

	After Informal Action	After Statutory Notice
Smoke .....	18	22
Accumulation of Refuse .....	7	—
Fowls, pigs and other animals .....	1	—
Dampness .....	118	116
Drainage .....	921	—
Other Nuisances .....	944	83

## DISINFECTION, Etc.

Rooms disinfected .....	78
(a) Tuberculosis .....	14
(b) Other Infectious Disease .....	64
Rooms stripped and cleansed .....	6
Number of premises disinfested .....	6

## DRAINAGE AND SEWERAGE.

### Closets.

Number of houses with privy vaults in Borough .....	—
Number of houses with pail closets in Borough .....	18
Number of pail closets repaired .....	—
Number of houses with water closets in Borough .....	17372
Number of water closets substituted for dry receptacles...	—
Number of water closets repaired .....	50

### Drains.

Drains examined, tested and exposed .....	188
Drains unstopped, repaired, trapped, etc. ....	921
Waste pipes, rainwater pipes disconnected, repaired, etc. ....	6

### Sewers.

New lengths of sewers laid .....	11,167 feet
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## HOUSING, Etc.

### Number of new houses erected during the year :

1. By local authority .....	417
2. By other local authorities .....	—
3. By other bodies or persons .....	212

### Inspection of Dwelling-houses during the year :

1. Total number of dwelling-houses inspected for defects (under Public Health or Housing Acts) .....	1265
2. Number of inspections made for the purpose .....	3233

### Remedy of Defects during the year without service of Formal Notices :

Number of defective dwelling-houses rendered fit in consequence of informal action by the local authority or their officers .....	884
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### Acting under Statutory Powers during the year :

#### (a) Proceedings under Section 9 and 10 of Housing Act 1936 :

1. No. of dwelling-houses in respect of which notices were served requiring repairs .....	—
---	---

2. No. of dwelling-houses which were rendered fit after service of formal notices :	
(a) by owners .....	—
(b) by local authority in default of owners .....	—
(b) Proceedings under Public Health Acts :	
1. No. of dwelling-houses in respect of which notices were served requiring defects to be remedied .....	59
2. No. of dwelling-houses in which defects were remedied after service of formal notices :	
(a) by owners .....	56
(b) by local authority in default of owners .....	1
(c) Proceedings under Sections 11 and 13 of the Housing Act 1936 :	
1. No. of dwelling-houses in respect of which Demolition Orders were made .....	19
2. No. of dwelling-houses demolished in pursuance of Demolition Orders .....	18
3. No. of dwelling-houses subject to undertakings or Closing Orders .....	2
(d) Proceedings under Section 12 of the Housing Act 1936 :	
1. No. of separate tenements or underground rooms in respect of which Closing Orders were made .....	—
2. No. of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or rooms having been rendered fit .....	—
(e) Proceedings under Sections 25 and 26 of the Housing Act 1936 :	
1. No. of Clearance Orders made .....	—
2. No. of dwelling-houses demolished in pursuance thereof .....	—

#### Overcrowding—Housing Act 1936, Part IV :

(a) 1. No. of cases of overcrowding relieved during the year .....	—
2. No. of persons concerned in such cases .....	—
(b) 1. No. of dwellings overcrowded at the end of the year .....	—
2. No. of families dwelling therein .....	—
3. No. of persons dwelling therein .....	—

**HOUSING REPAIRS AND RENTS ACT, 1954.**  
**Return of Proposals in accordance with Part 1 of the Act**  
**and Circular 55/54.**

Total number of permanent dwellings in the local authority's  
area ..... 17,390

**PART 1. The total problem**

- (i) Estimated number of houses unfit for human habitation within the meaning of section 9 of the Housing Repairs and Rents Act, 1954, and suitable for action under section 11 or section 25 of the Housing Act, 1936 ..... 668
- (ii) Period in years which the Council think necessary for securing the demolition of all the houses in (i) 15

**PART 2. Orders already made, etc.**

- (iii) Number of houses in (i) in clearance areas and already covered by operative or compulsory purchase orders or owned by the local authority ..... —
- (iv) Number of houses which are already in clearance areas and for which clearance or compulsory purchase orders have been submitted to the Minister but have not yet become operative ..... —

**PART 3. Action in the first five years**

- (v) Number of houses which are already in clearance areas and for which clearance or compulsory purchase orders are to be made or which are to be purchased by agreement within the five years ..... —
- (vi) Number of houses which are to be included in clearance areas still to be declared and which within the five years will be owned by the local authority or will have been included in a clearance order or a compulsory purchase order submitted to the Minister ..... 56
- (vii) Number of houses under (iii), (iv), (v) and (vi) to be patched (if necessary) and retained within the five years under section 2 of the Housing Repairs and Rents Act, 1954, for temporary accommodation ..... —
- (viii) Number of houses under (iii), (iv) and (vi) to be demolished in the five years ..... 56
- (ix) Number of houses (including those already comprised in operative demolition orders) to be demolished in the five years as a result of action under section 11 of the Housing Act, 1936 ..... 121

# IMPROVEMENTS.

Defects	Ashby	Brumby	Crosby	East	Wards Froding- ham	Park	Town	West	Total.
Ceilings repaired .....	—	—	4	4	4	—	—	3	15
Walls .....	7	—	13	7	4	—	4	1	36
Floors, solid .....	—	—	—	—	—	—	2	—	2
Floors, wood .....	1	—	2	1	5	—	3	—	12
Sashcords renewed .....	—	—	24	8	12	—	8	—	52
Windows and frames re- paired .....	—	—	1	2	—	—	1	—	4
Doors repaired .....	—	—	—	1	—	—	—	—	1
Back boilers and tanks repaired .....	2	1	1	—	—	—	—	—	4
Fireplaces repaired .....	3	1	12	2	2	—	—	1	21
Smoke nuisances abated...	3	—	11	2	2	—	—	1	19
Eaves gutters repaired .....	3	1	7	9	9	—	9	1	39
Rainwater fall-pipes re- paired .....	1	—	—	2	2	—	5	—	10
Roofs repaired .....	6	3	13	11	7	—	7	2	49
Brickwork and pointing renewed .....	—	—	5	2	1	—	1	2	11
Chimney pots and stacks repaired .....	—	—	4	2	1	—	1	—	8
Dampness remedied .....	10	4	29	26	20	—	23	5	117
Dustbins renewed .....	291	203	17	11	137	85	20	30	794
Drains cleansed .....	146	137	86	98	76	94	146	121	904
Drains repaired .....	—	1	1	4	1	—	9	1	17
Inspection chamber covers renewed .....	—	—	—	2	1	—	4	1	8
W.C. pedestals renewed...	2	1	2	1	3	—	3	—	12
W.C. seats renewed .....	—	—	2	1	—	—	2	—	5
W.C. cone joints renewed	2	—	1	1	—	—	1	—	5
W.C. cisterns renewed .....	—	—	4	4	3	—	1	—	12
W.C. walls re-plastered.....	1	—	3	1	1	—	3	1	10
W.C. ceilings re-plastered	—	—	3	—	1	—	—	—	4
W.C. roofs repaired .....	—	—	—	2	—	—	—	—	2
Washing coppers renewed	2	—	1	1	—	—	1	—	5
Burst pipes repaired .....	1	—	3	3	7	—	1	—	15
Yards relaid .....	—	—	5	2	—	1	3	—	11
Sink wastepipes repaired...	1	—	2	—	2	1	—	—	6
New sinks provided .....	—	—	—	1	—	—	—	—	1
Water supply in house .....	—	—	2	—	—	—	—	—	2
Permanent ventilation in house .....	—	—	2	—	—	—	—	—	2
	482	352	260	211	301	181	258	170	2215









